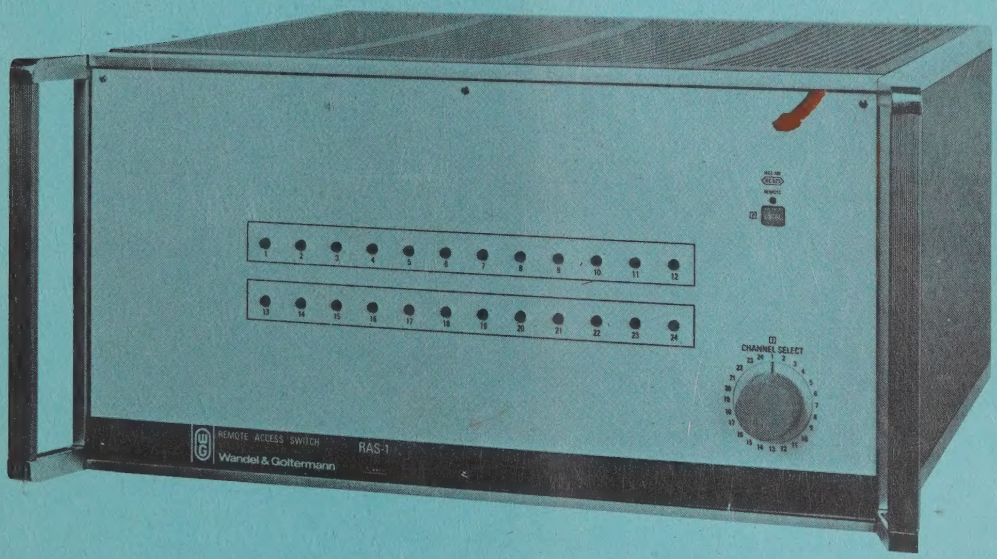
Anhang
Appendix
Annexe



MP MASTER
MA29274

REMOTE ACCESS SWITCH RAS-1

MESSSTELLEN-UMSCHALTER

COMMUTATEUR DE POINTS DE MESURE

SHOP
COPY

MESSSTELLEN-UMSCHALTER RAS-1

Frequenzbereich 0 bis 25MHz (100MHz)

TEST POINT SCANNER

Frequency range 0 to 25MHz (100MHz)

CONTROLLED
DOCUMENT

COMMUTATEUR DE POINTS DE MESURE

Gamme de fréquence 0 à 25MHz (100MHz)

Anhang/Appendix/Annexe BN 9510
With Universal IEC BUS BN ~~960~~ 906

FEB 9 1995

Änderungen vorbehalten

Subject to change without notice
Printed in the USA

Droits de modification réservés

19845
5 APR 83 HK/ULB
0.25.4.83
9510-9999.02

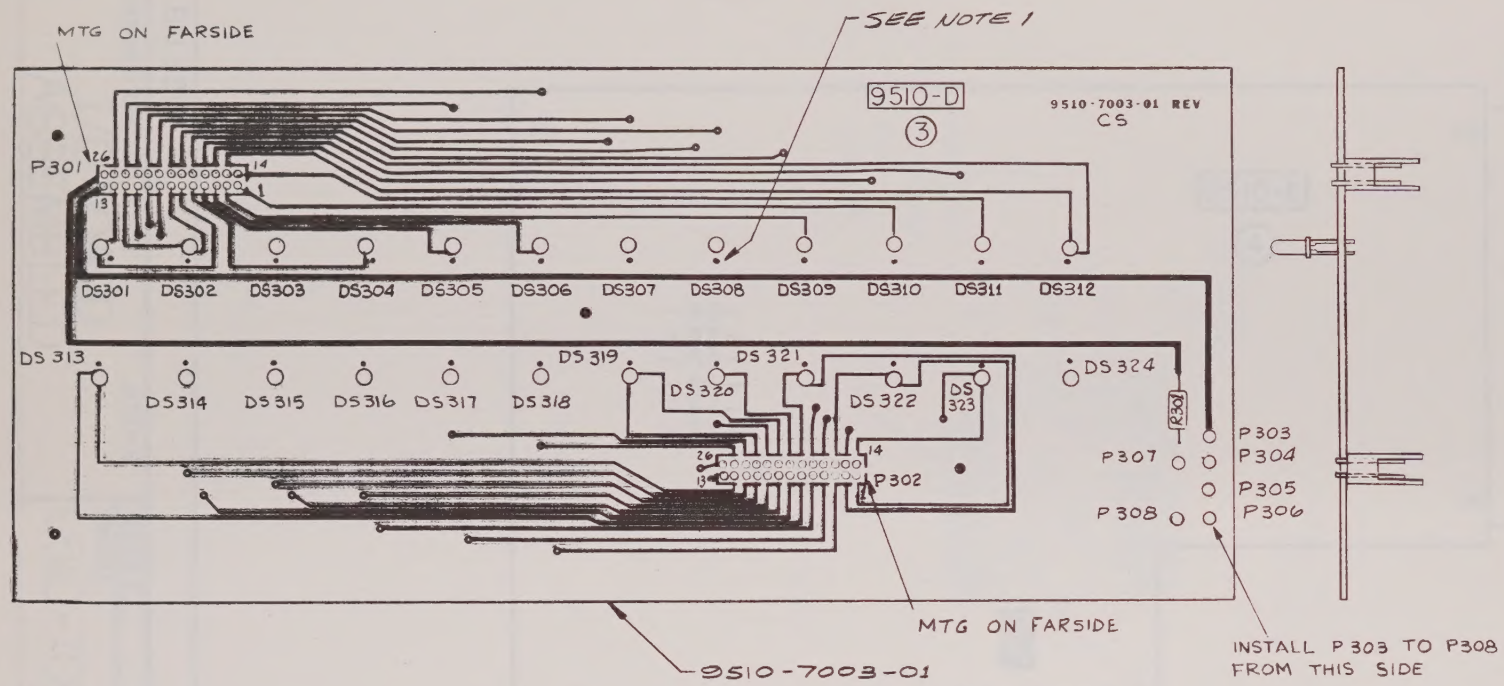
Wandel & Goltermann

ELEKTRONISCHE
PRÄZISIONSMESSGERÄTE

FEB 9 1989

BN 9510

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED



NOTE 1.

THE DOTS INDICATE THE CATHODE END OF LED WHICH IS THE SHORT LEAD OF LED

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	DATE	NAME
DRAWN	3-5	
CHK'D	MAR 780	

REPLACES: NEW

REPLACED BY:

DESIGNATION

L.E.D DISPLAY BOARD ASSEMBLY.

SERIES A - - -

DWG. NO. 9510-D

9510-7003-00-B

PAGE 1 OF 1

REV 0

BRUNING 40-526 33417

	DATE	NAME	
DRAWN	28 FEB 83	Q.S.	
CHK'D.			REPLACES: REV 3
			REPLACED BY:

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REVISIONS			
LTR	DESCRIPTION	DATE	APP
0	REDRAWN, ECN 83-005 QS.	23 FEB 83	PA

DESIGNATION
I/O BOARD ASSEMBLED
9510-E

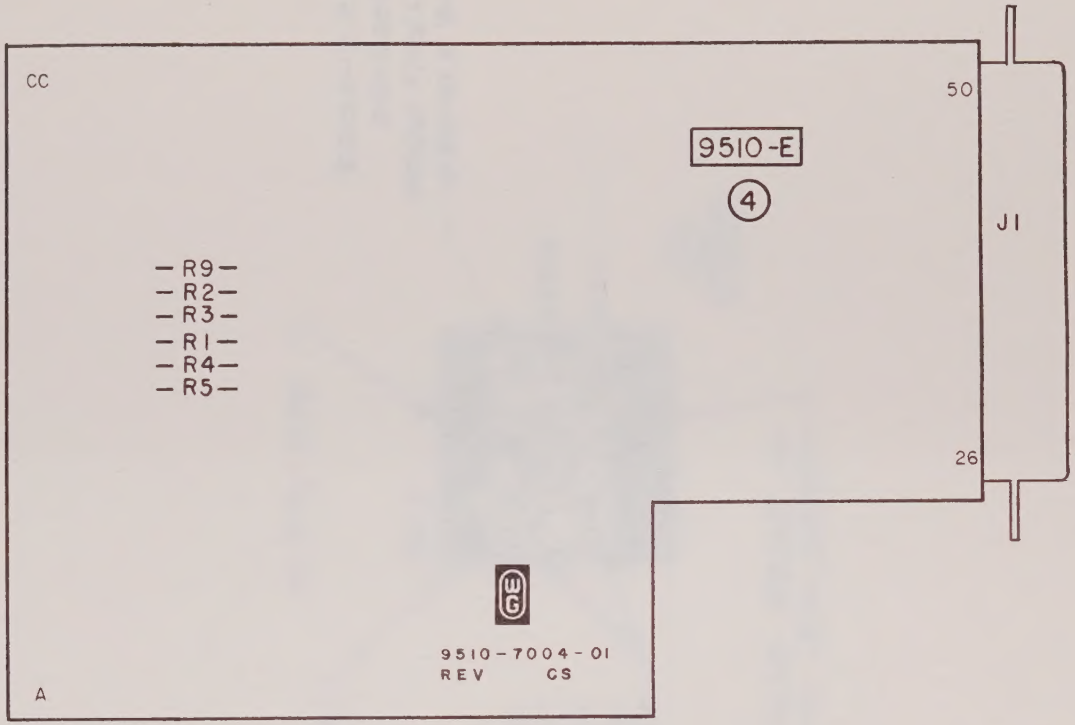
BN 9510

SERIES E...

DWG NO.
9510-7004.00/A

PAGE 1 OF 1

REV 0



NOTE

NOT USED WITH OPTION
9510/00.01 OR 9510/00.02

1 2 3 4

E D C B A

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LTR	DESCRIPTION	DATE	APP
1	REV, PER C.O. 82.062	10-5-81	

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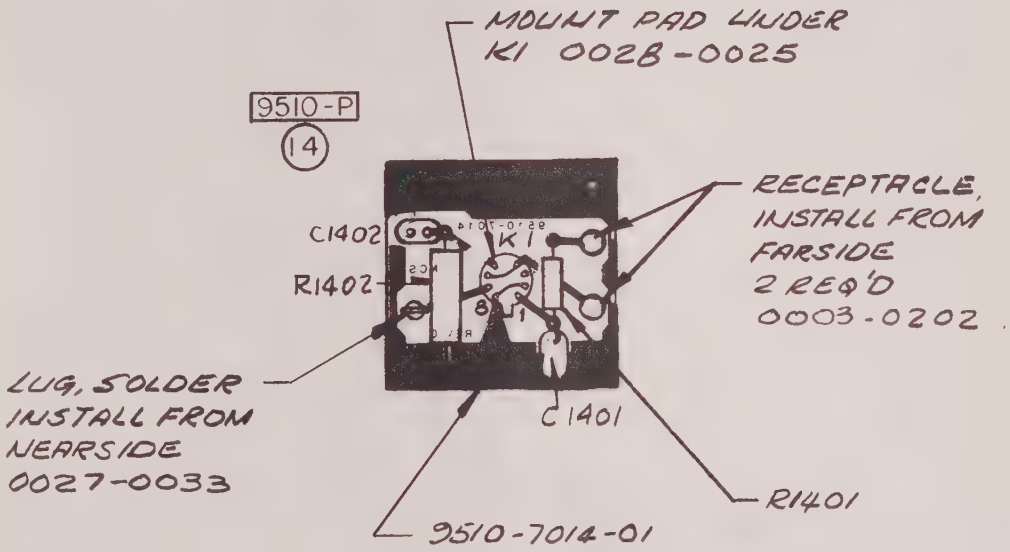

SCHEMATIC: 9510-7514.01/D

	NAME	DATE
DRAWN	NW	2-27-80
CHK'D.	[illegible]	[illegible]

REPLACES: NEW

REPLACED BY:

BW 9510

SCALE: 1/1

DESIGNATION 9510-P

SWITCH I (X 24) ASSEMBLY

SERIES B...

DWG NO. 9510-7014-001A

PAGE 1 OF 1

REV 1

REVISIONS				
LTR	DESCRIPTION		DATE	APP
1	REV, PER C.O 82-062	MM	10-5-82	

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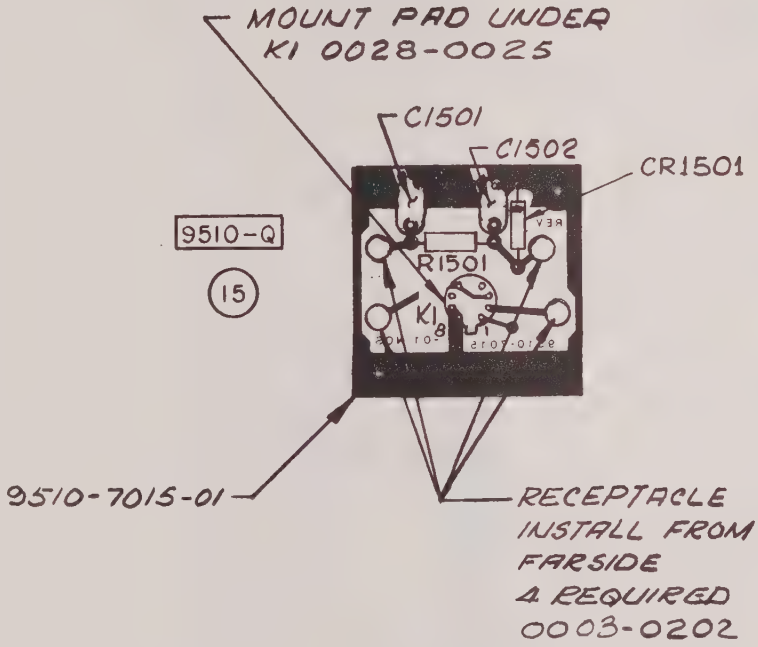


SCHEMATIC : 9510-7515.01/D

	NAME	DATE
DRAWN	MM	2-27-80
CHK'D.	MM	3/27/80

REPLACES: NEW

REPLACED BY:

BW9510

SCALE : 1/1

DESIGNATION 9510-Q

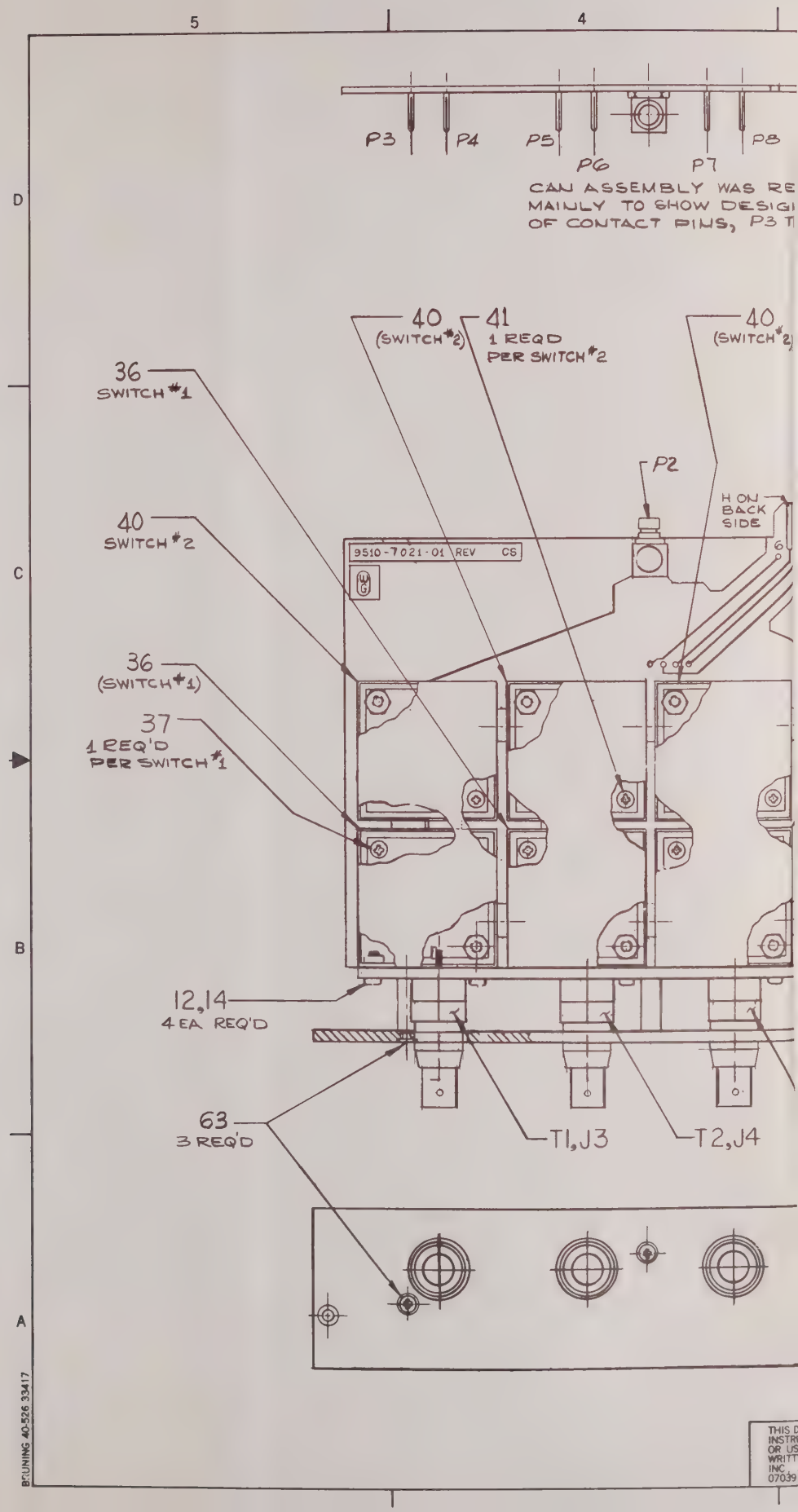
SWITCH II (x24) ASSEMBLY.

SERIES B...

DWG NO. 9510-7015-00/A

PAGE 1 OF 1

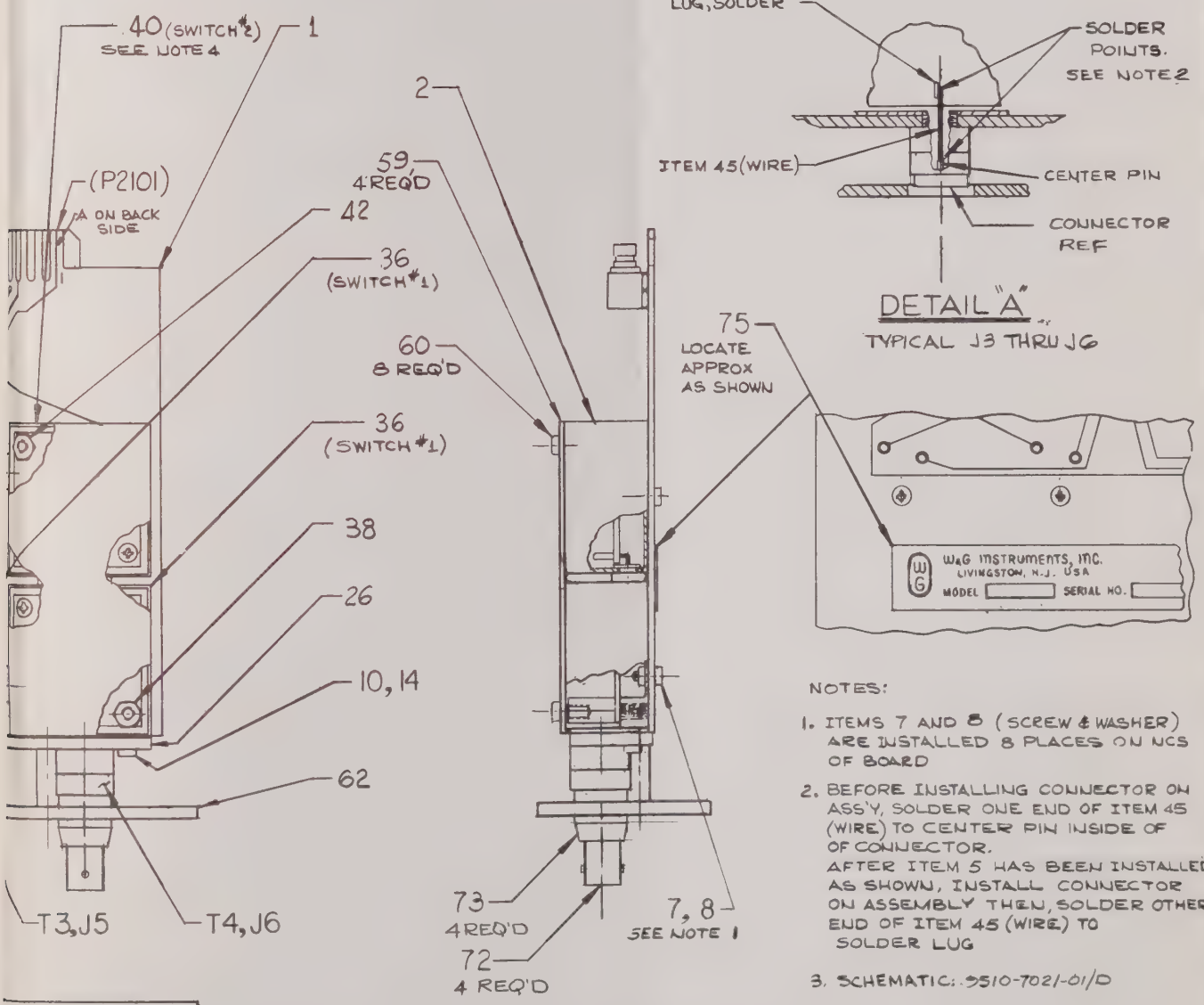
REV 1


5
4
D
C
B
A
P3
P4
P5
P6
P7
P8
CAN ASSEMBLY WAS RE
MAINLY TO SHOW DESIGI
OF CONTACT PINS, P3 T
40
(SWITCH #2)
41
1 REQ'D
PER SWITCH #2
40
(SWITCH #2)
36
SWITCH #1
P2
H ON
BACK
SIDE
40
SWITCH #2
9510-7021-01 REV CS
36
(SWITCH #1)
37
1 REQ'D
PER SWITCH #1
12,14
4 EA REQ'D
63
3 REQ'D
T1,J3
T2,J4
BRUNING 40-526 33417

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	1	REV PER C.O. 82-062	10-7-82	

P9 P10

MOVED
IATION
IRU P10



NOTES:

1. ITEMS 7 AND 8 (SCREW & WASHER) ARE INSTALLED 8 PLACES ON NCS OF BOARD
2. BEFORE INSTALLING CONNECTOR ON ASS'Y, SOLDER ONE END OF ITEM 45 (WIRE) TO CENTER PIN INSIDE OF OF CONNECTOR. AFTER ITEM 5 HAS BEEN INSTALLED AS SHOWN, INSTALL CONNECTOR ON ASSEMBLY THEN, SOLDER OTHER END OF ITEM 45 (WIRE) TO SOLDER LUG
3. SCHEMATIC: 9510-7021-01/D

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	DATE	NAME
DRAWN	10-7-82	NA
CHK'D		

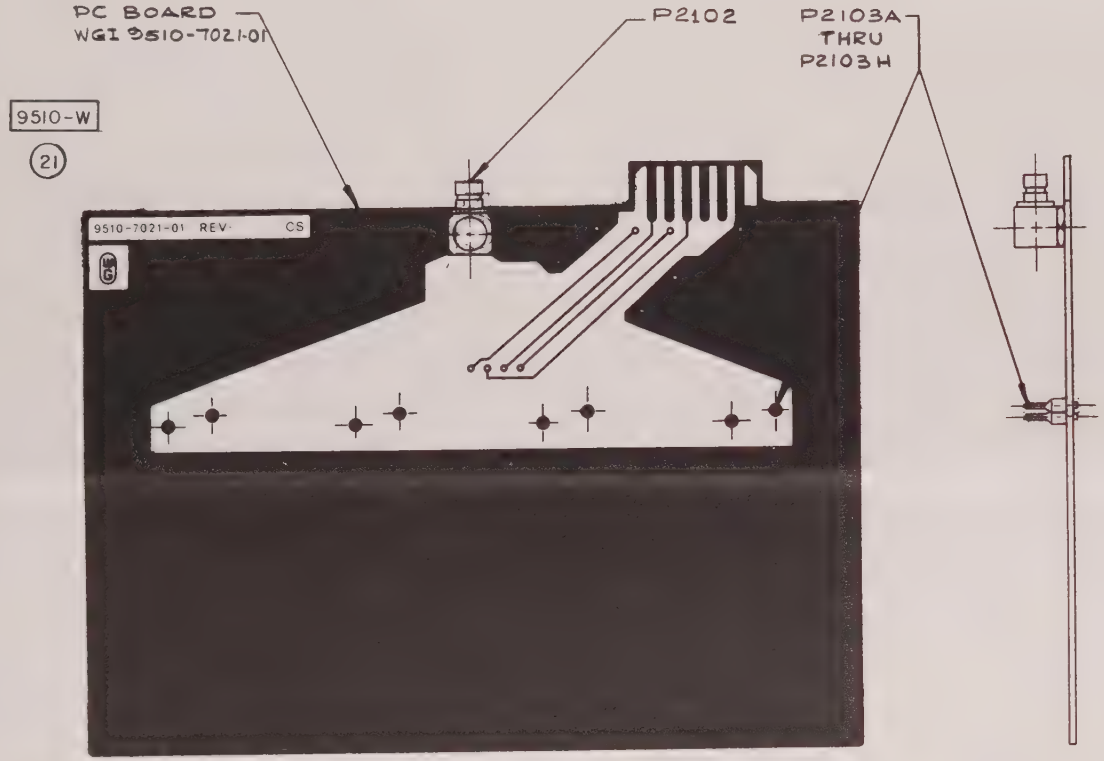
REPLACES: REV O
REPLACED BY:

BN9510 RAS-1

DESIGNATION 9510-W
4 X 1 SWITCH ASSM

SCALE: 1/1
SERIES B...
DWG NO 9510-7021.001C
PAGE 1 OF 2
REV 1

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
		SEE PAGE 1 FOR REVISIONS		



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	DATE	NAME
DRAWN	2-14-80	WOBER
CHK'D	4/20/80	

REPLACES: NEW

REPLACED BY:

DESIGNATION 9510-W

4/1 SWITCH ASSM

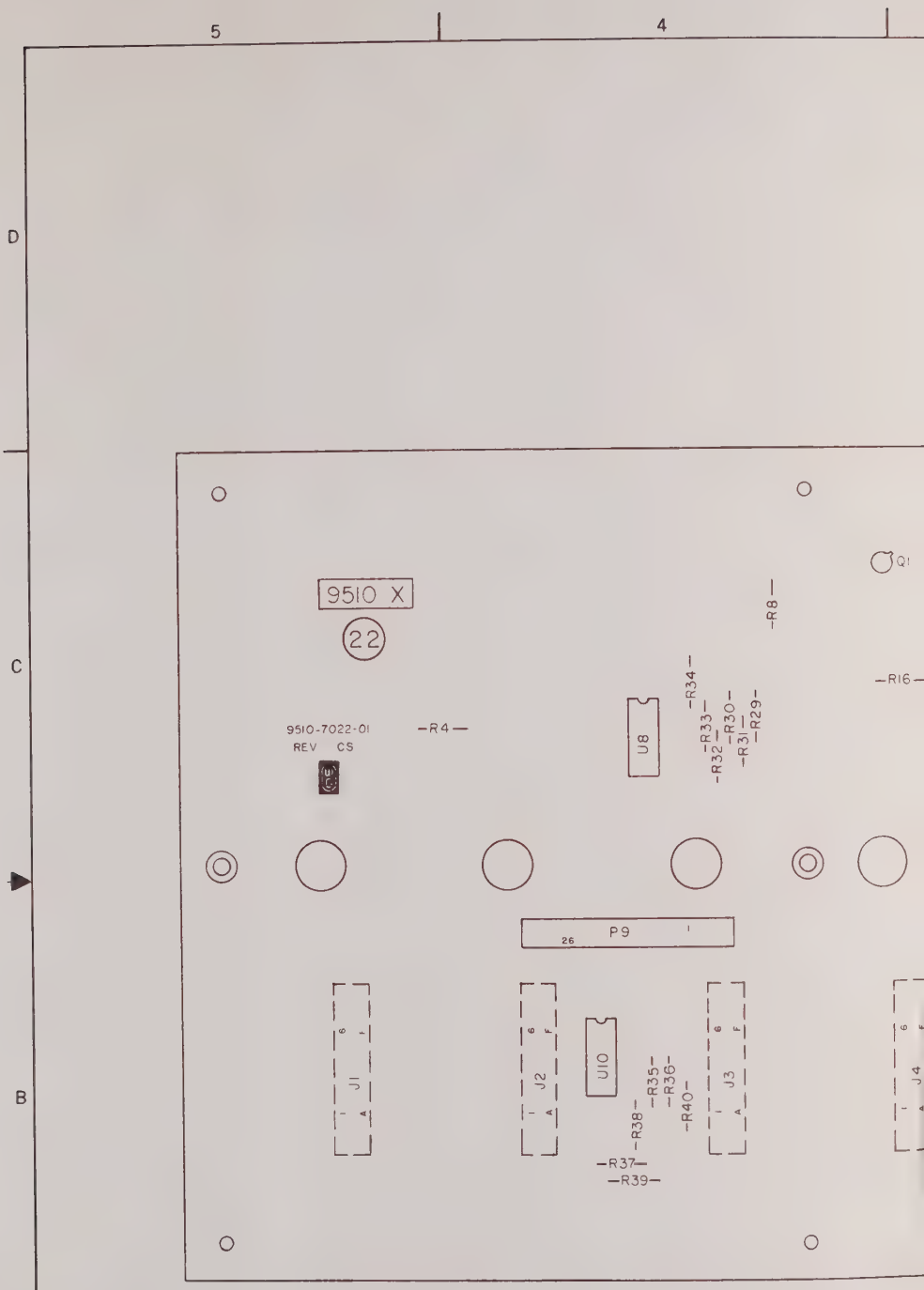
SERIES B...

DWG. NO. 9510-7021.00/B

PAGE 2 OF 2

REV 1

BRUNING 40-526 33417



NOTES

1. INSTALL FROM COMPONENT SIDE OF BOARD, 0024-0037, 4 REQUIRED
2. U7 AND U17 TO BE SOCKETED, SOCKET No. 0034-0026, 2 REQUIRED
3. P11 THRU P16 INSTALLED FROM NON-COMPONENT SIDE OF BOARD
4. E17 INSTALL FROM COMPONENT SIDE OF BOARD
5. J1 THRU J7 MOUNTED ON NON-COMPONENT SIDE OF BOARD

THIS D
INSTRU
OR USE
WRITTE
INC.
07039

BRUNING 40-526 33417

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
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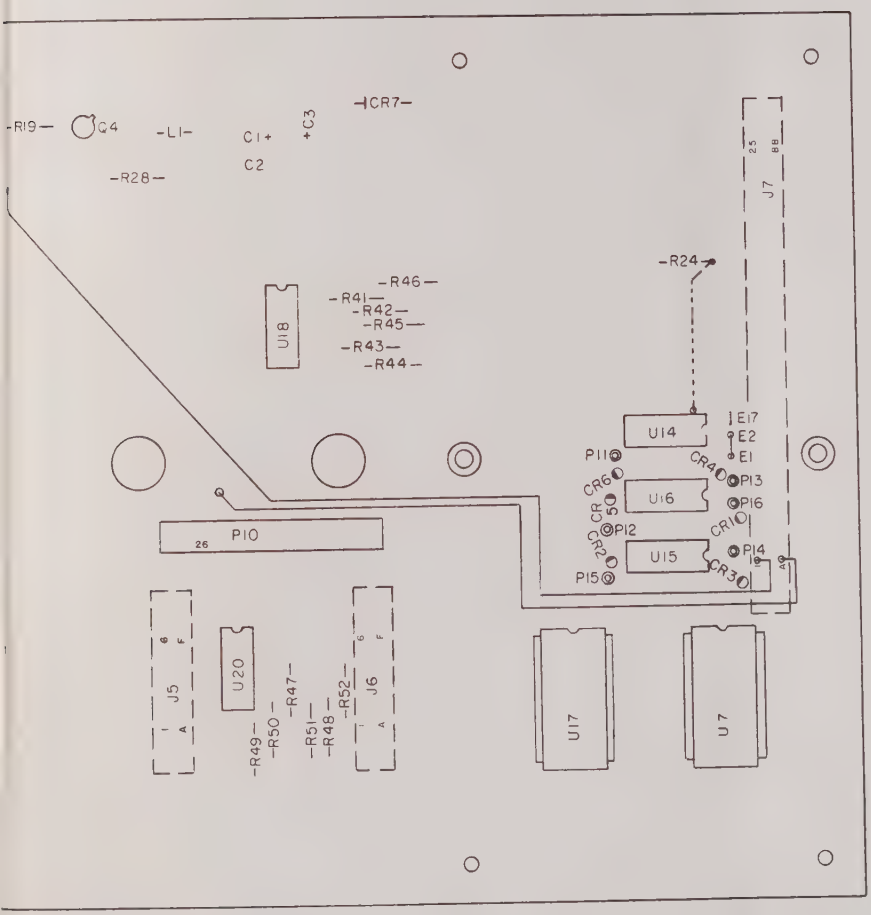
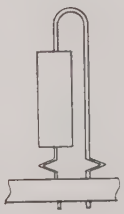


MOUNTING DETAIL
(NOT TO SCALE)

CR1,2,3,4,5 and 6 ARE ASSEMBLED AS SHOWN ON COMPONENT SIDE OF BOARD



MOUNTING DETAIL of L1
(NOT TO SCALE)

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	DATE	NAME
DRAWN	25 FEB 83	Q.S.
CHK'D		

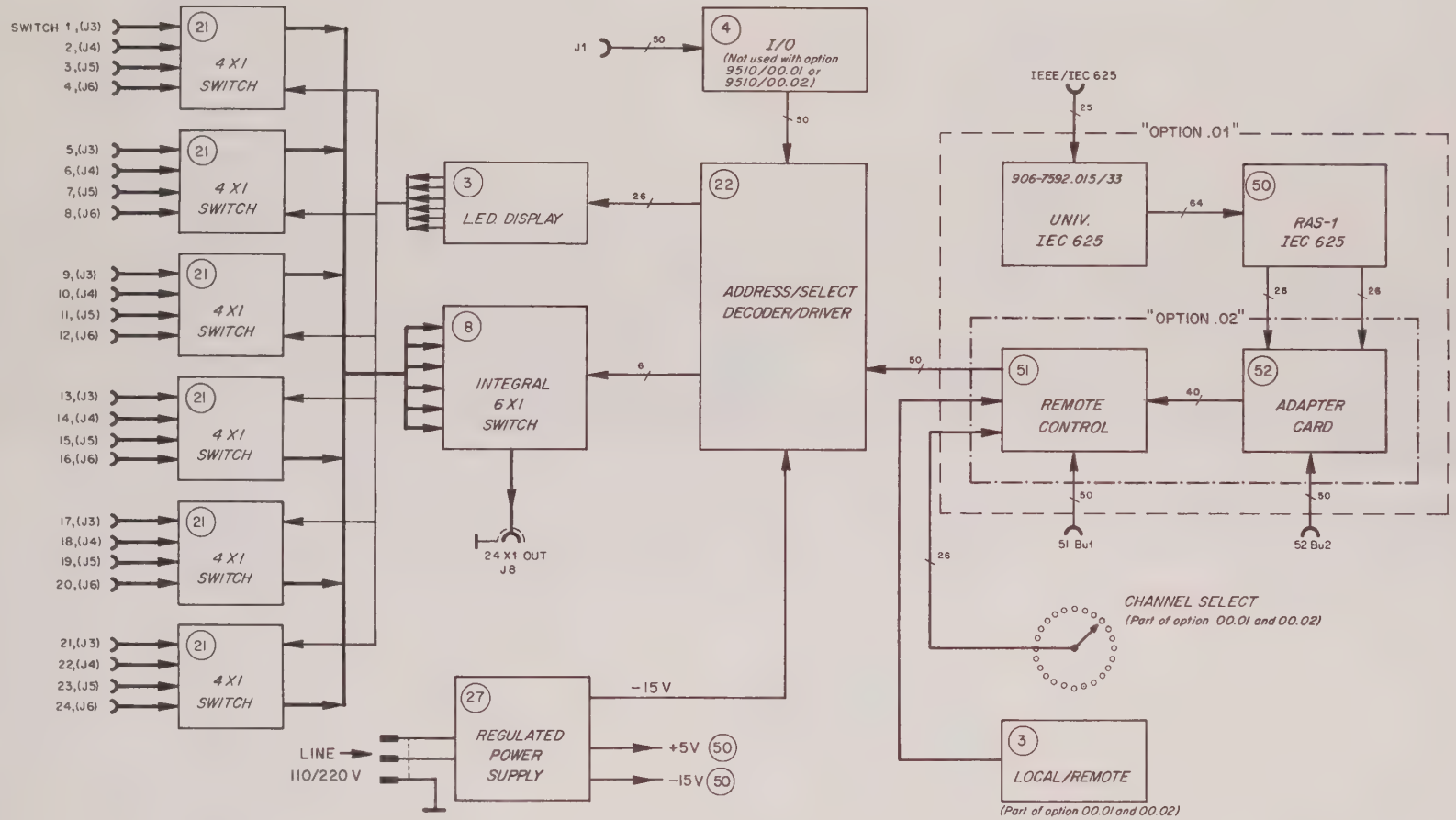
REPLACES: REV 2
REPLACED BY

BN 9510 / 01

DESIGNATION
CONTROL CIRCUIT BOARD, ASSEMBLED
9510-X

SERIES 5...
SCALE
DWG NO 9510-7022.00/C
PAGE OF
REV O

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	NEW	REDRAWN PER ECN 83-005 Q.S.	3/30/83	



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	DATE	NAME	
DRAWN	28March83	Q. Sager	
CHK'D	30 MAR 83	L. S.	REPLACES NEW
			REPLACED BY:

DESIGNATION
BLOCK DIAGRAM, RF SIGNAL/CONTROL PATH

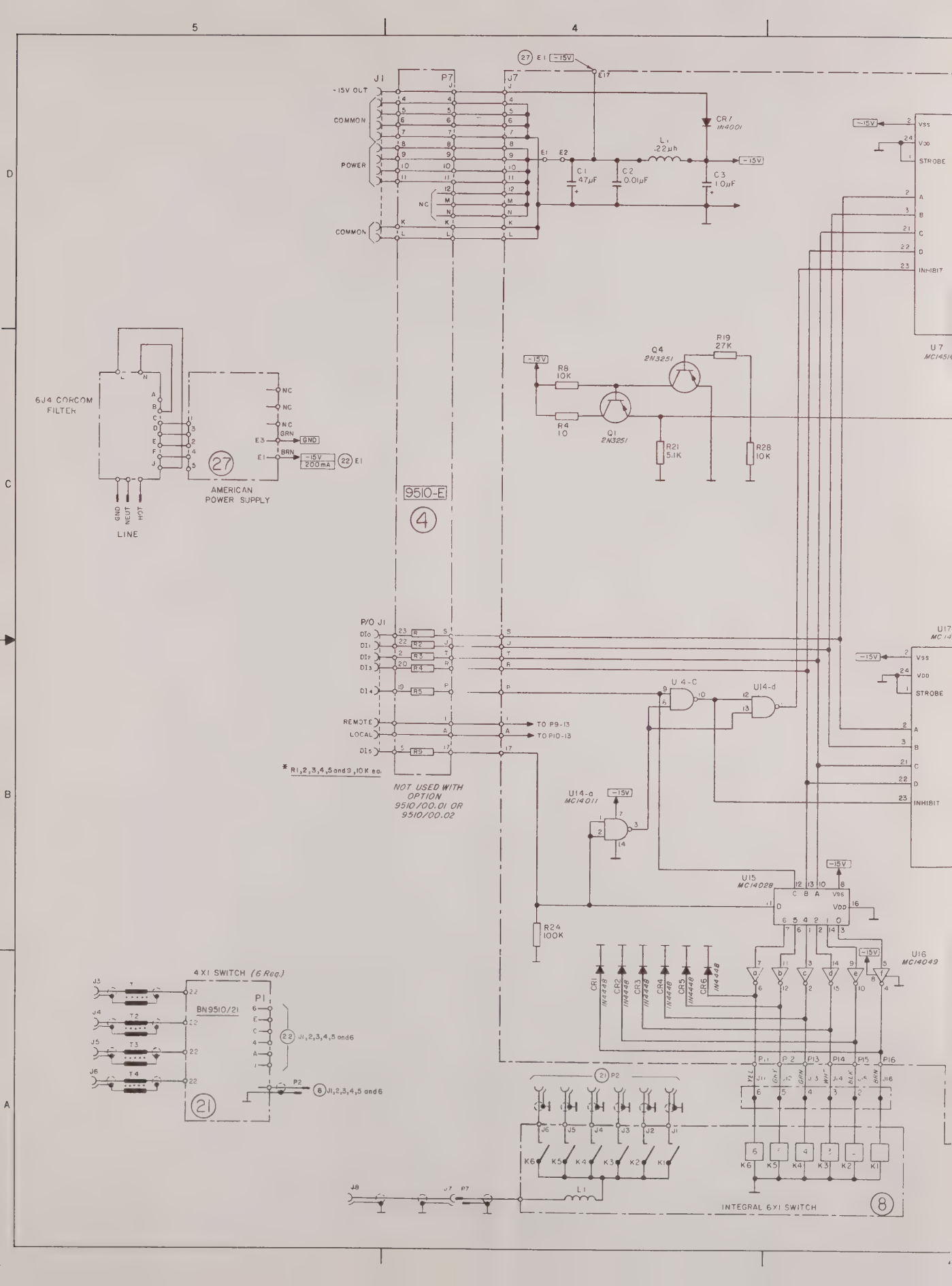
RAS-1, BN9510/00, /01, /02

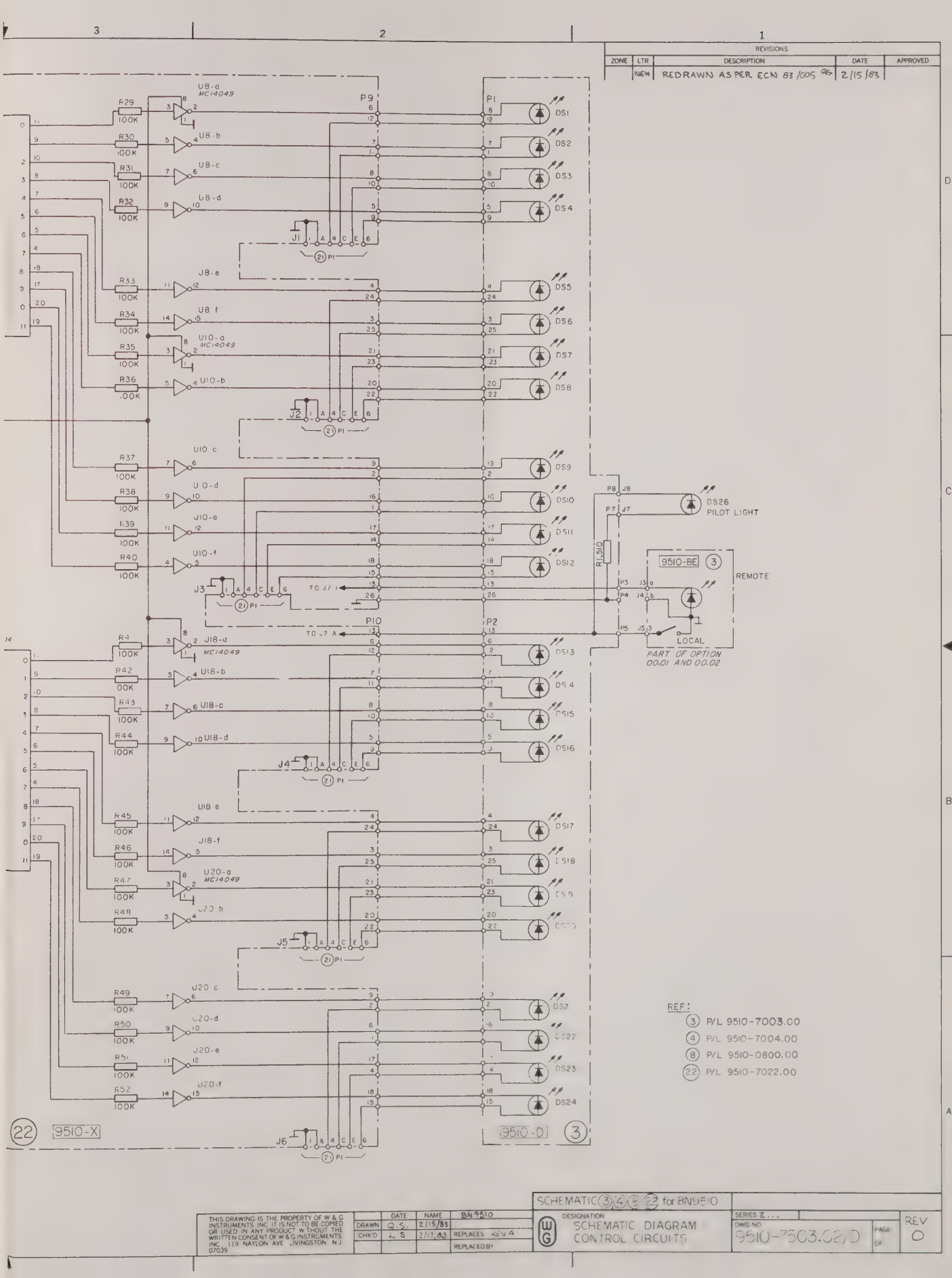
SERIES E...

DWG NO. 9510-7500.02 /B

PAGE 1 OF 1

REV 0


5
4
D
C
B
A
J1
P7
J7
-15V OUT
COMMON
POWER
NC
COMMON
27 E1 -15V
E17
CR1 IN4001
L1 .22µh
C1 47µF
C2 0.01µF
C3 10µF
E1
E2
-15V
9510-E1
4
6J4 CORCOM FILTER
AMERICAN POWER SUPPLY
LINE
GND
NEUT
HOT
NC
GRN
BRN
E3
E1
GND
-15V 200mA
22 E1
27
R8 10K
R4 10
Q1 2N3251
Q4 2N3251
R19 27K
R21 5.1K
R28 10K
U7 MC1451
VSS
VDD
STROBE
A
B
C
D
INHIBIT
P/O J1
DI0
DI1
DI2
DI3
DI4
DI5
R1
R2
R3
R4
R5
R9
REMOTE
LOCAL
TO P9-13
TO P10-13
* R1,2,3,4,5 and 9, 10K ea.
NOT USED WITH OPTION 9510/00.01 OR 9510/00.02
U4-C
U14-d
U14-a MC14011
U15 MC14028
U16 MC14049
R24 100K
CR1 IN4448
CR2 IN4448
CR3 IN4448
CR4 IN4448
CR5 IN4448
CR6 IN4448
4 X1 SWITCH (6 Req.)
BN9510/21
J3
J4
J5
J6
T1
T2
T3
T4
P1
P2
22 J1,2,3,4,5 and 6
8 J1,2,3,4,5 and 6
21
21 P2
J8
J7
P7
L1
K1
K2
K3
K4
K5
K6
INTEGRAL 6X1 SWITCH
8



SCHEMATIC (3)(4)(8)(22) for BN9510

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	DATE	NAME	BN9510
DRAWN	Q.S.	2/15/83	
CHK'D	N.S.	2/17/83	REPLACES REV A
			REPLACED BY

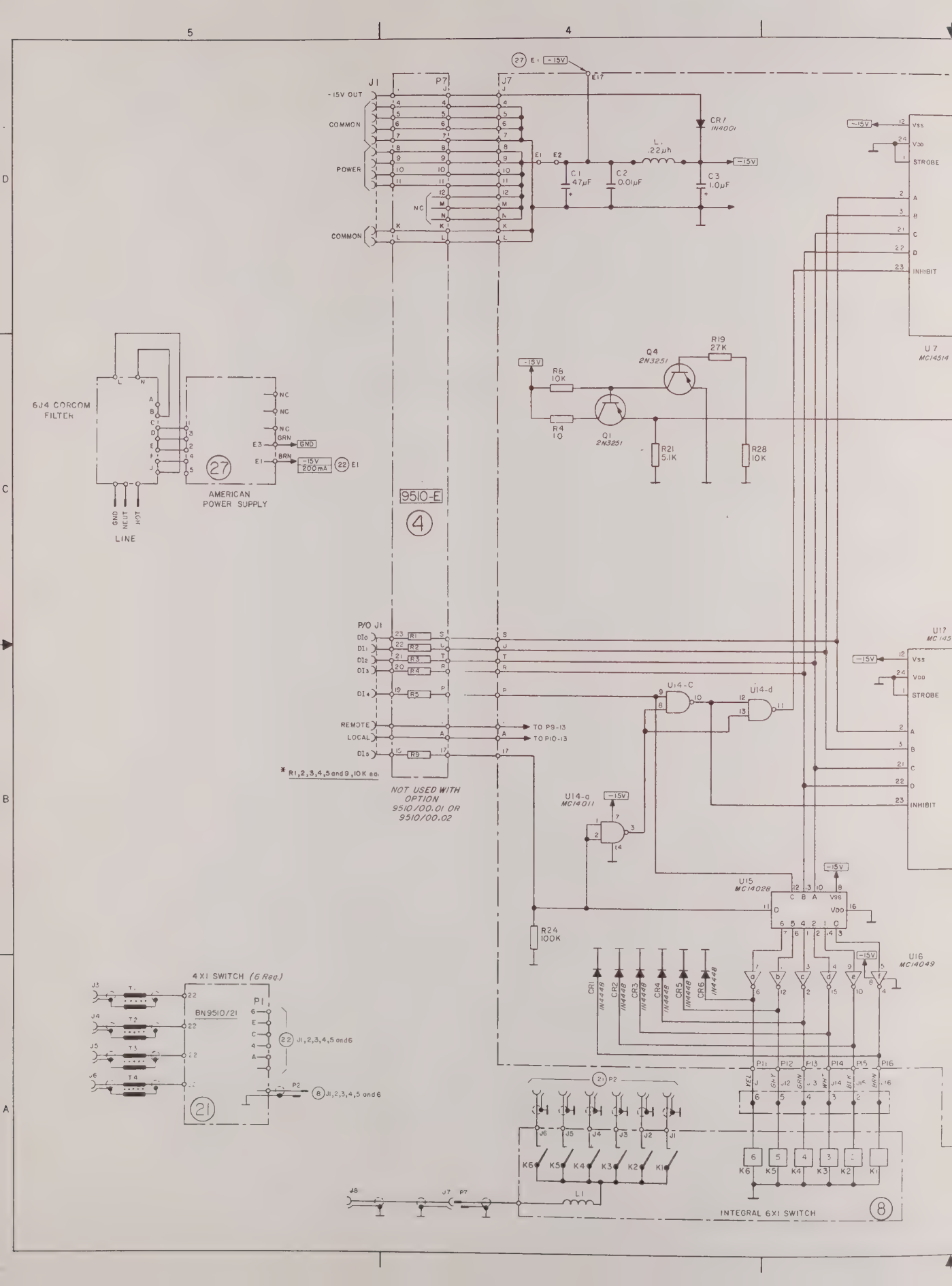
DESIGNATION: SCHEMATIC DIAGRAM CONTROL CIRCUITS

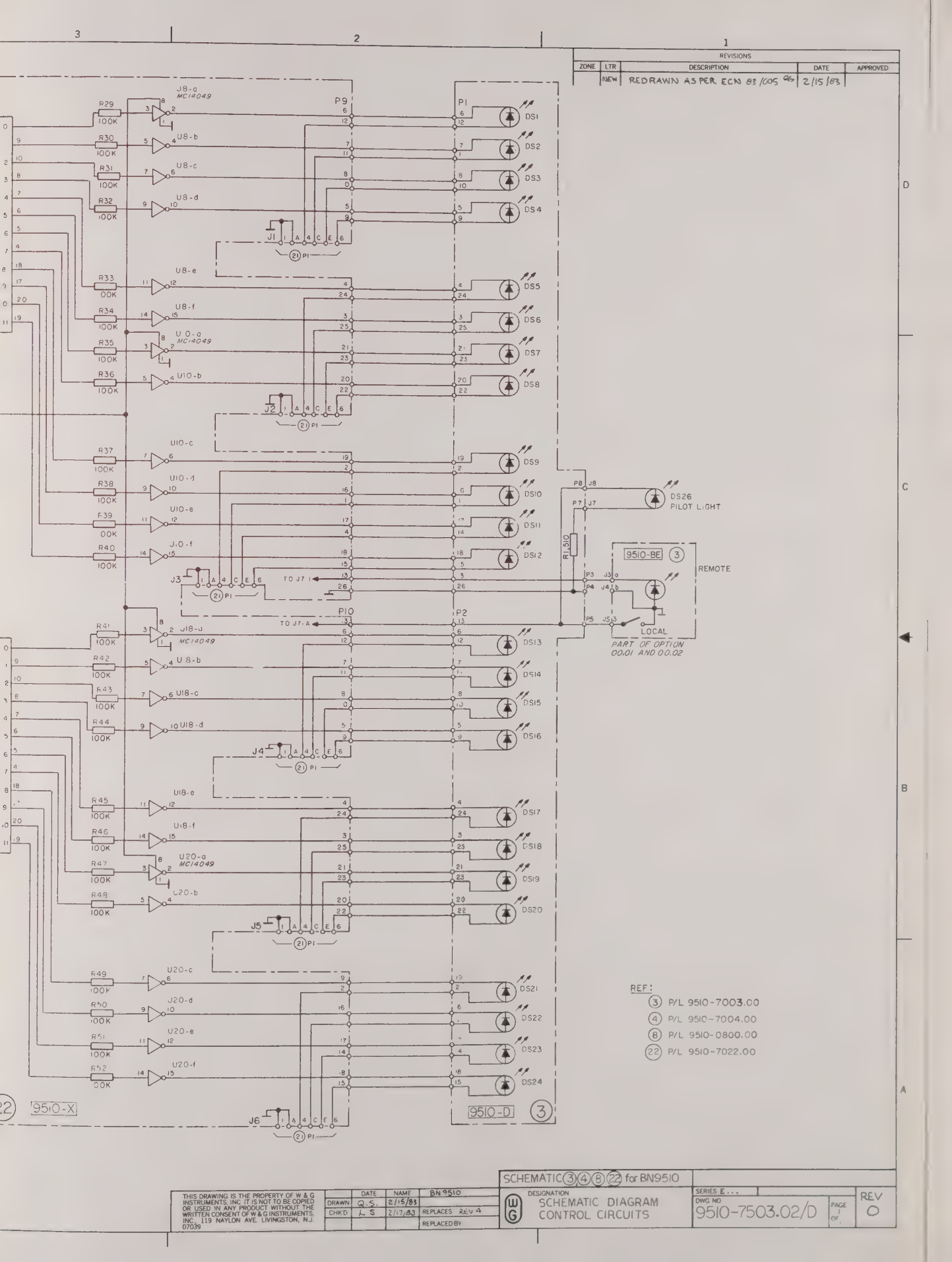
SERIES E...

DWG NO 9510-7503.02/D

PAGE OF

REV O


5
4
D
C
B
A
J1
P7
J7
-15V OUT
COMMON
POWER
COMMON
NC
E1
E2
C1 47µF
C2 0.01µF
L1 .22µh
C3 1.0µF
CR7 IN4001
-15V
6J4 CORCOM FILTER
AMERICAN POWER SUPPLY
LINE
GND
NEUT
HOT
GRN
BRN
-15V 200mA
9510-E
4
R8 10K
R4 10
Q1 2N3251
Q4 2N3251
R19 27K
R21 5.1K
R28 10K
U7 MC14514
Vss
Vdd
STROBE
INHIBIT
P/O J1
R1
R2
R3
R4
R5
R9
REMOTE
LOCAL
TO P9-13
TO P10-13
* R1,2,3,4,5 and 9, 10K ea.
NOT USED WITH OPTION 9510/00.01 OR 9510/00.02
U14-a MC14011
U14-c
U14-d
U17 MC145
U15 MC14028
R24 100K
U16 MC14049
CR1 IN4448
CR2 IN4448
CR3 IN4448
CR4 IN4448
CR5 IN4448
CR6 IN4448
4 X1 SWITCH (6 Req.)
BN9510/21
P1
P2
J1,2,3,4,5 and 6
INTEGRAL 6X1 SWITCH
L1
K1
K2
K3
K4
K5
K6



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	DATE	NAME	BN 9510
DRAWN	Q.S.	2/15/83	
CHK'D	L.S.	2/17/83	REPLACES REV 4
			REPLACED BY

SCHEMATIC (3)(4)(8)(22) for BN9510

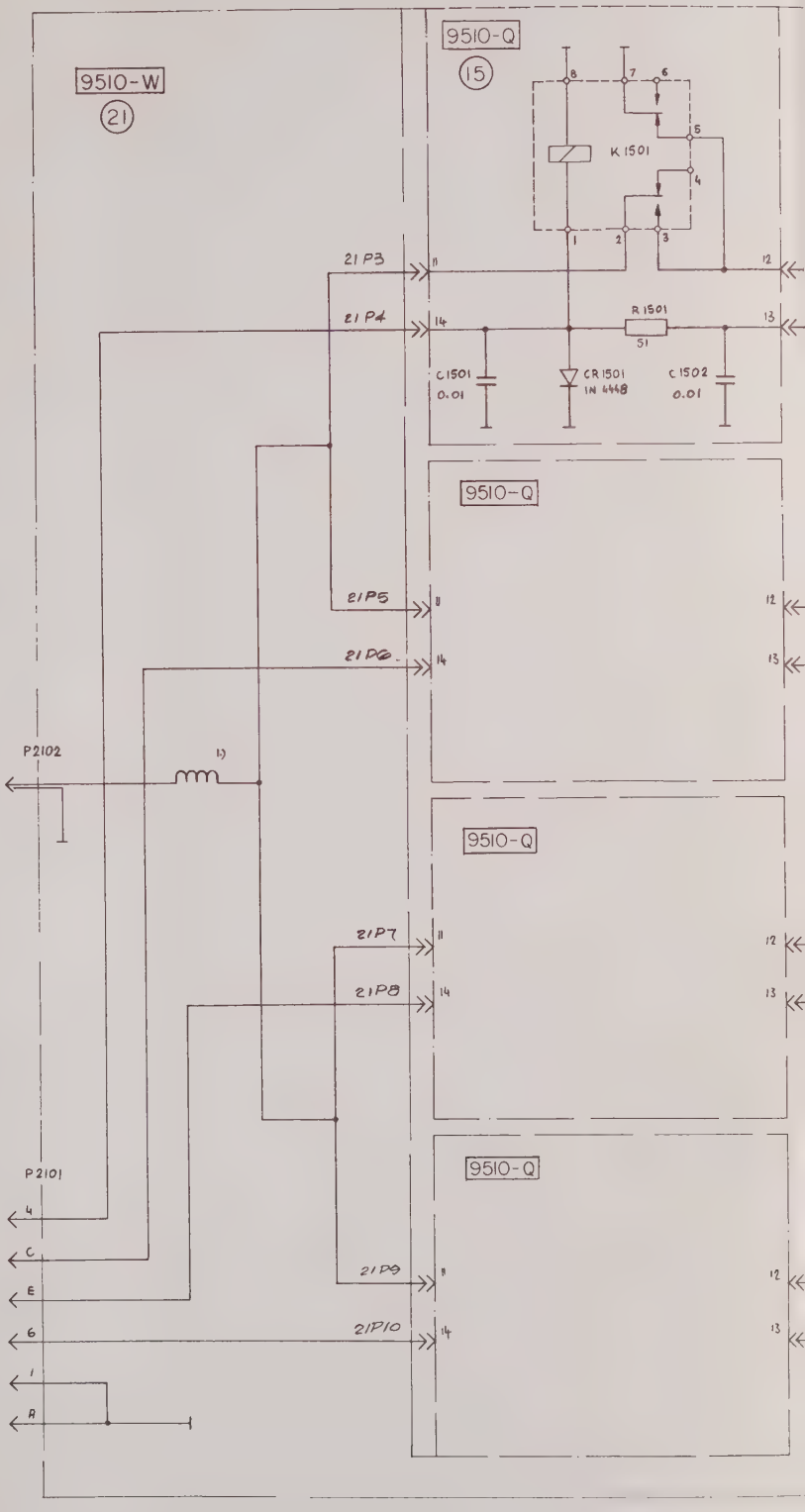
DESIGNATION: SCHEMATIC DIAGRAM CONTROL CIRCUITS

SERIES E...

DWG NO 9510-7503.02/D

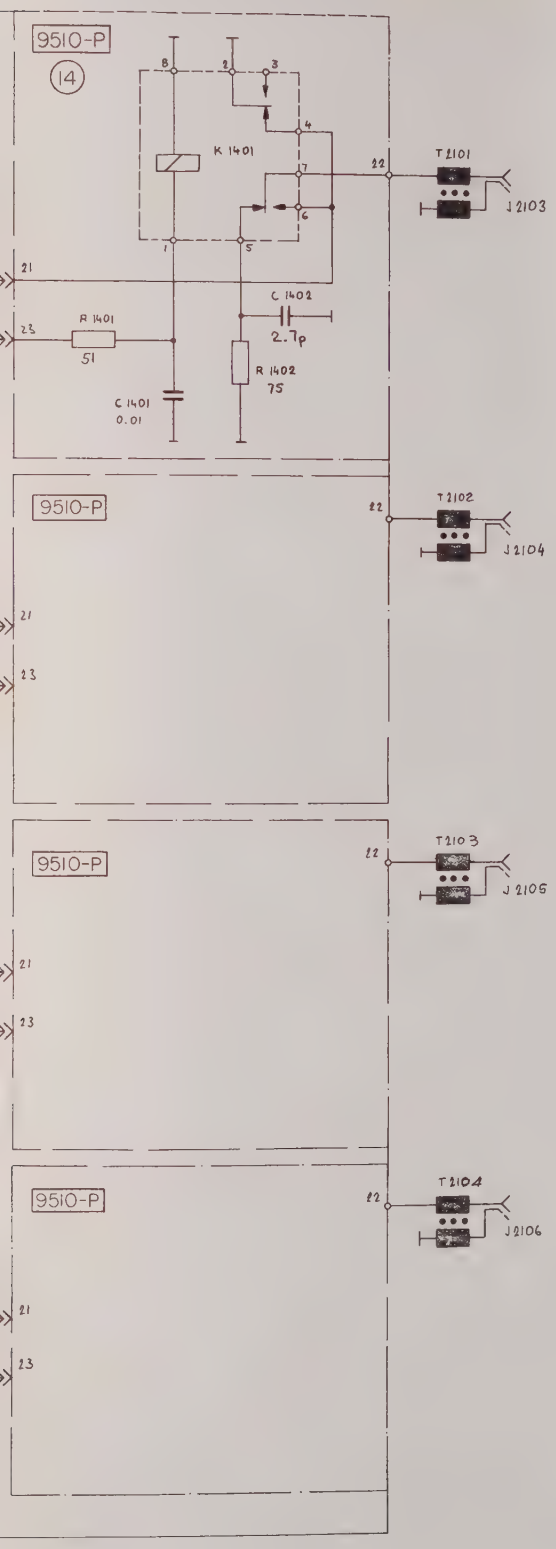
PAGE 1 OF 1

REV O



NOTE: L1 INDUCTOR ON PC BOARD

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	1	REVISED PER C.O. 80-016 HH	FEB 21, 80	MA
	2	REVISED PER C.O. 82-062 NA	7 OCT 82	
	3	PER ECN 83-005 Q.S.	3-30-83	



REF:
- (14) P/L 9510-7014.00
- (15) P/L 9510-7015.00
- (21) P/L 9510-7021.00

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	DATE	NAME
DRAWN	10 MAY 78	
CHK'D		

REPLACES: NEW

REPLACED BY

Schematic (14) (15) (21) for BN9510

DESIGNATION
SCHEMATIC DIAGRAM,
4XI SWITCH

SERIES 8

DWG NO 9510-7521-01-D

PAGE 1 OF 1

REV 3

	DATE	NAME	
DRAWN	3/30/83	Q. Sager	
CHK'D.	3/30/83	L.S.	REPLACES: NEW
			REPLACED BY:

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REVISIONS			
LTR	DESCRIPTION	DATE	APP
0	REDRAWN PER ECN 83-005		

DESIGNATION

SCHEMATIC DIAGRAM, POWER SUPPLY

Schematic (27) for BN9510

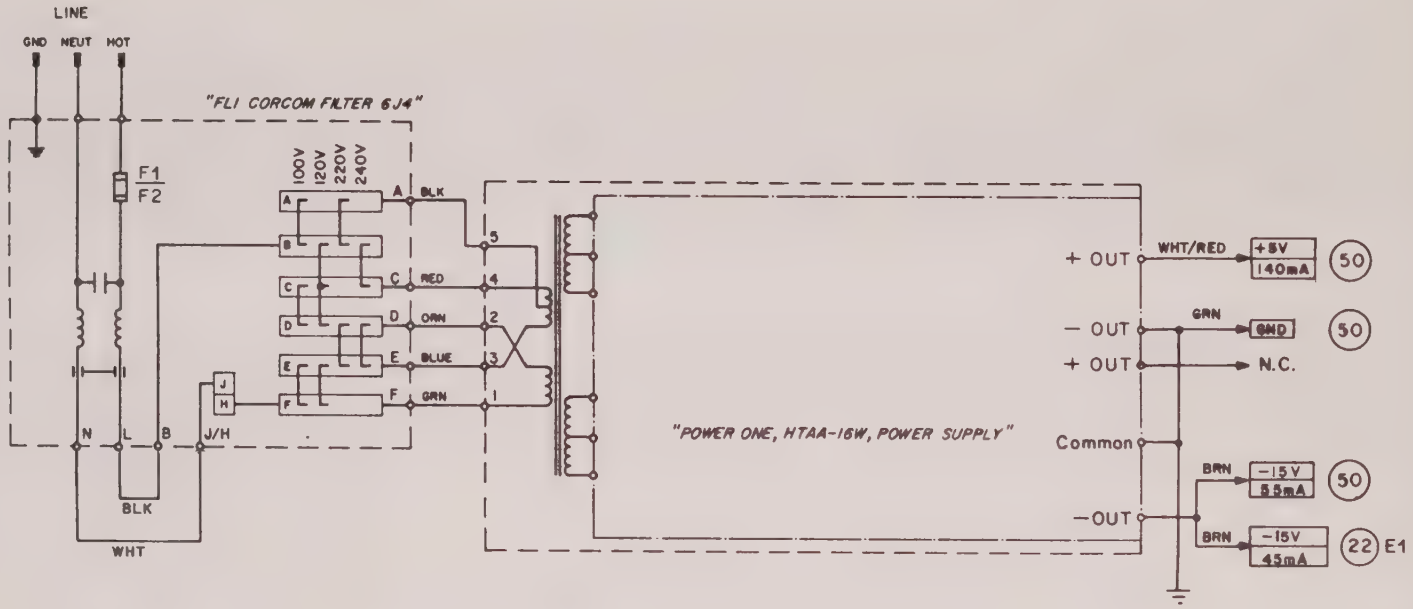
RAS-1, BN9510

SERIES E...

DWG NO. 9510-7527.02/A

PAGE 1 OF 2

REV 0



FUSES:

F1-110V, 0.5A SLO-BLO

F2-220V, 0.25A SLO-BLO

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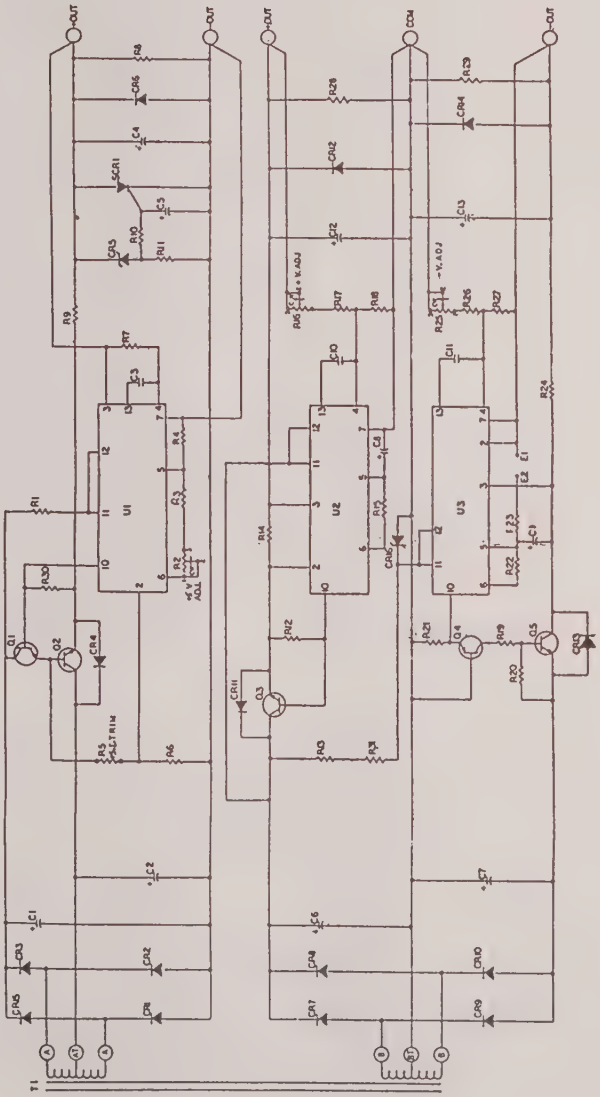
REVISIONS			
LTR	DESCRIPTION	DATE	APP



	NAME	DATE
DRAWN		
CHK'D.		
REPLACES:		
REPLACED BY:		

DESIGNATION
SCHEMATIC DIAGRAM, POWER SUPPLY

RAS-1, BN9510

SERIES E...

DWG NO. 9510-7527.02/A

PAGE 2 OF 2

REV 0

LISTING OF SUBASSEMBLIES

DIAG REF ITEM XX XXX XXX	QTY	PART NUMBER	DESCRIPTION	NOTES	SUBASSEMBLY 9510-XXXX	CODE
	0	9510-0000.00	INSTRUMENT COMPLETE	9510-8400.00	0000	A
1	1	9510-0010.00	MAIN FRAME	ASSEMBLED	0000	A
6	0	9510-7021.00	4/1 SWITCH MODULE	OPTIONAL	0000	A
100	0	9510-1200.00	INTERFACE 9510/9501	OPTIONAL	0000	A
22	0	9510-0600.00	6/1 SWITCH ASSEMBLY	OPTIONAL	0000	A
24	0	9510-1000.00	JUNCTION BOX	OPTIONAL	0000	A
	0	9510-0010.00	MAIN FRAME ASSEMBLED		0010	A
1	1	9510-0900.00	19" CASE ASSEMBLED		0010	A
19	1	9510-0200.00	CONTROL CIRCUIT	ASSEMBLED	0010	A
23	1	9510-0300.00	FRONT PANEL	ASSEMBLED	0010	A
25	1	9510-8522.00	RIBBON CABLE	ASSEMBLED	0010	A
28	1	9510-8523.00	RIBBON CABLE	ASSEMBLED	0010	A
26	1	9510-7004.00	I/O BOARD ASSEMBLED	9510-E	0010	A
40	1	9510-0700.00	CHASSIS ASSEMBLY		0010	A
	0	9510-0200.00	CONTROL CIRCUIT	ASSEMBLED	0200	A
8	1	9510-7022.00	PC BD CONTROL CKT	ASSEMBLED 9510-X	0200	A
	0	9510-0300.00	FRONT PANEL	ASSEMBLED	0300	A
2	1	9510-7003.00	LED DISPLAY BOARD	ASSEMBLED 9510-D	0300	A
30	1	9510-7054.00	LOCAL REMOTE SWITCH	ASSEMBLED 9510-BE	0300	A
	0	9510-0700.00	CHASSIS ASSEMBLED		0700	A
37	1	9510-8526.00	CABLE TREE #2		0700	A
28	1	9510-8524.00	RIBBON CABLE	ASSEMBLED	0700	A
43	1	9510-0800.00	INTEGRAL 6X1 SWITCH	ASSEMBLED	0700	A
16	1	9510-8525.00	CABLE COAX		0800	A
	0	9510-0800.00	INTEGRAL 6X1 SWITCH	ASSEMBLED	0800	A
	0	9510-0900.00	19" CASE ASSEMBLED		0900	A
	0	9510-7003.00	LED DISPLAY BOARD	ASSEMBLED 9510-D	7003	A
	0	9510-7004.00	I/O BOARD ASSEMBLED	9510 E	7004	A
20	1	9510-8521.00	CABLE ASSEMBLED	W/CONNECTOR	7004	A
	0	9510-7022.00	PC BD CONTROL CKT	ASSEMBLED 9510-X	7022	A
	0	9510-7054.00	LOCAL REMOTE SWITCH	PART OF IEEE OPT	7054	A
	0	9510-8521.00	CABLE ASSEMBLED		8521	A
	0	9510-8522.00	RIBBON CABLE	ASSEMBLED	8522	A
	0	9510-8523.00	RIBBON CABLE		8523	A
	0	9510-8524.00	CABLE TREE #1		8524	A
	0	9510-8525.00	CABLE COAX	SET OF 6 ASSEMBLED	8525	A
	0	9510-8526.00	CABLE TREE #2		8526	A

LISTING OF SUBASSEMBLIES

DIAG REF ITEM XX XXX XXX	QTY	PART NUMBER	DESCRIPTION	NOTES	SUBASSEMBLY 9510-XXXX	CODE
	0	9510-0130.00	CAN ASSEMBLY	COMPLETE	0130	A
	0	9510-7014.00	SWITCH #1 ASSEMBLED	SET OF 4	7014	A
	0	9510-7015.00	SWITCH #2 ASSEMBLED	SET OF 4	7015	A
	0	9510-7021.00	4/1 SWITCH	COMPLETE 9510-8401.00	7021	A
2	1	9510-0130.00	CAN ASSEMBLY	COMPLETE	7021	A
36	1	9510-7014.00	SWITCH #1 ASSEMBLED	SET OF 4	7021	A
40	1	9510-7015.00	SWITCH #2 ASSEMBLED	SET OF 4	7021	A

DIAG REF ITEM XX XXX XXX	QTY	PART NUMBER	DESCRIPTION	NOTES	SUBASSEMBLY 9510-XXXX	CODE
	0	9510-0000.00	INSTRUMENT COMPLETE	9510-8400.00	0000	A
					0000	S
1	1	9510-0010.00	MAIN FRAME	ASSEMBLED	0000	A
2	0	9510-0000.06	FRONT ESCUTCHEON	NOT USED WITH IEEE OPTION	0000	M
3	0	9510-0000.19	ESCUTCH FR MARK IEEE	PART OF IEEE OPTION	0000	M
4	0	9510-0000.05	ESCUTCH FRONT MACH	PART OF IEEE OPTION	0000	R
5	6	XX05-0262.00	SCREW COV-PLT M2.5X4		0000	
6	0	9510-7021.00	4/1 SWITCH MODULE	OPTIONAL	0000	A
7	12	XX05-0252.00	FIL H SL NP M 3X6mm		0000	
8	0	9510-0000.15	REAR ESCUTCHEON	NOT USED WITH IEEE OPTION	0000	M
9	1	9510-9000.01	ESCUTCH REAR 2 MRKD	MARKED FOR IEEE OPTION	0000	M
10	1	9510-0000.14	ESCUTCH RR STD MACHN		0000	R
11	4	XX05-0262.00	SCREW COV-PLT M2.5X4		0000	
12	0	9510-0420.13	ESCUTCH REAR #1 MRKD	SUPPLIED WITH OPT KITS	0000	M
13	0	9510-9000.09	ESCUTCH REAR #1 MACH	SUPPLIED WITH OPT KITS	0000	R
14	2	XX20-0035.00	STRIP COVER TOP BOTT		0000	
15	6	XX05-0215.00	SCW CTRSK CR SL M3X6		0000	
16	2	XX20-0100.00	STRIP COVER SIDE		0000	
17	4	XX05-0014.00	CYL SL M 4X12mm		0000	
18	0	XX01-0095.00	CABLE KN13 IEEE 1m	OPTIONAL	0000	
22	0	9510-0600.00	6/1 SWITCH ASSEMBLY	OPTIONAL	0000	A
24	0	9510-1000.00	JUNCTION BOX	OPTIONAL	0000	A
25	1	XX01-0110.00	LINECORD GRY RGT ANG		0000	
26	4	XX28-0002.00	RECEPT GREY 19" CASE		0000	
27	4	XX28-0021.00	SPANNER FOR 19" CASE		0000	
28	4	XX05-0266.00	WASHER OVAL F.28.002		0000	
29	4	XX05-0274.00	WASH FLAT ST M3		0000	
30	4	XX05-0018.00	FIL SLT M 3X18mm		0000	
36	2	XX20-0013.00	PANEL SIDE 00-0405.1		0000	
69	1	XX20-0032.00	COVER TOP DRILLED		0000	
72	2	XX28-0008.00	FOOT REAR STD CASE		0000	
76	1	XX20-0031.00	COVER BOTTOM DRILLED		0000	
78	4	XX28-0105.00	FOOT PLAS CLEAR 19"		0000	
79	4	XX05-0267.00	SCREW S-TAP B2.9X9.5		0000	
80	2	XX28-0020.00	LIFTER FR FOOT		0000	
81	2	XX28-0007.00	FOOT FRONT STD CASE		0000	
82	4	XX05-0215.00	SCW CTRSK CR SL M3X6		0000	
83	2	XX05-0215.00	SCW CTRSK CR SL M3X6		0000	
90	0	9510-0420.12	ESCUTCH REAR 2 MARKE	PART OF IEEE OPTION 00.01	0000	M
91	0	9510-9000.12	ESCUTCH RR 2 MACHN	PART OF IEEE OPTION 00.01	0000	R
94	0	9510-9000.13	ESCUTCH REAR #3 MRKD	PART OF IEEE OPT 00.02	0000	M
95	0	9510-9000.15	ESCUTCH REAR #3 MACH	PART OF IEEE OPT 00.02	0000	R
100	0	9510-1200.00	INTERFACE 9510/9501	OPTIONAL	0000	A
101	0	XX01-0094.00	CABLE K185 2m	OPTIONAL	0000	

	0	9510-0010.00	MAIN FRAME ASSEMBLED		0010	A
					0010	S
1	1	9510-0900.00	19" CASE ASSEMBLED		0010	A
10	1	9510-0000.17	END PANEL		0010	
11	1	9510-0000.18	PANEL BLANK		0010	
12	4	XX05-0252.00	FIL H SL NP M 3X6mm		0010	
19	1	9510-0200.00	CONTROL CIRCUIT	ASSEMBLED	0010	A
20	4	XX05-0188.00	SCRW CYL CRSL M3X8		0010	
21	2	9510-0900.06	SPACER		0010	
22	4	XX05-0212.00	SCW CYLCRSL ST M3X10		0010	
23	1	9510-0300.00	FRONT PANEL	ASSEMBLED	0010	A
24	4	XX05-0188.00	SCRW CYL CRSL M3X8		0010	
25	1	9510-8522.00	RIBBON CABLE	ASSEMBLED	0010	A
26	1	9510-7004.00	I/O BOARD ASSEMBLED	9510 E	0010	A
27	2	XX05-0212.00	SCW CYLCRSL ST M3X10		0010	
28	1	9510-8523.00	RIBBON CABLE	ASSEMBLED	0010	A
32	1	9510-0000.08	PANEL FRONT		0010	
34	2	XX05-0201.00	CYL SLT ST NP M 3X10		0010	
36	2	9510-0200.05	STRUT IEC BUS SUPPRT		0010	
37	2	XX05-0163.00	SCW CTRSK CRSL M3X10		0010	
38	2	XX05-0188.00	SCRW CYL CRSL M3X8		0010	
39	4	XX24-0051.00	SPACER HEX 8MM LONG	WGR 0000-3008.05	0010	
40	1	9510-0700.00	CHASSIS ASSEMBLY		0010	A
41	4	XX05-0188.00	SCRW CYL CRSL M3X8		0010	
42	4	XX05-0212.00	SCW CYLCRSL ST M3X10		0010	
49	3	9000-0000.02	LABEL SERIAL ABC		0010	

DIAG REF ITEM XX XXX XXX	QTY	PART NUMBER	DESCRIPTION	NOTES	SUBASSEMBLY 9510-XXXX	CODE
	0	9510-0130.00	CAN ASSEMBLY	COMPLETE	0130	A
					0130	S
1	1	9510-0130.03	CAN #1 MACH 1X1 22.5		0130	M
2	2	9510-0130.04	CAN #2 MACH 1X1 22.5		0130	M
3	1	9510-0130.05	CAN #3 MACH 1X1 22.5		0130	M
4	4	0855-1100.01	CAN RAW 1X1 H-22.5		0130	R
5	3	0855-0001.10	SPACER RIVET E3		0130	
9	1	9510-0130.06	CAN #4 MACH 1X1 22.5		0130	M
10	2	9510-0130.07	CAN #5 MACH 1X1 22.5		0130	M
11	1	9510-0130.08	CAN #6 MACH 1X1 22.5		0130	M
12	4	0855-1100.01	CAN RAW 1X1 H-22.5		0130	R
13	3	0855-0001.10	SPACER RIVET E3		0130	
18	8	0855-0001.05	SPACER RIVET E2		0130	
19	9	XX05-0307.00	INSERT M 3 B		0130	
20	8	0855-0001.00	FEED THRU D1		0130	
	0	9510-0200.00	CONTROL CIRCUIT	ASSEMBLED	0200	A
					0200	S
1	1	9510-0200.01	SUPP ANGLE UPPER		0200	
2	1	9510-0200.02	SUPP ANGLE LOWER		0200	
3	3	9510-0200.03	STIFFENER I		0200	
4	1	9510-0200.04	STIFFENER II		0200	
8	1	9510-7022.00	PC BD CONTROL CKT	ASSEMBLED 9510 X	0200	A
10	10	XX05-0202.00	SCREW CYL CRSL M3X12		0200	
	0	9510-0300.00	FRONT PANEL	ASSEMBLED	0300	A
					0300	S
1	1	9510-0300.01	PANEL FRONT		0300	
2	1	9510-7003.00	LED DISPLAY BOARD	ASSEMBLED 9510 D	0300	A
3	12	XX05-0200.00	SCRW CYL CRSL M3X5		0300	
4	6	XX24-0036.00	SPAC RIV-ON #3 12.5M		0300	
11	0		SWITCH SELECTOR	PART OF IEEE OPTION	0300	
12	0		KNOB	PART OF IEEE OPTION	0300	
15	.1	XX39-2603.00	WIRE RED AWG26 7/34		0300	
16	.1	XX39-2606.00	WIRE BLUE AWG26 7/34		0300	
17	2	XX03-0251.00	RECEPTCL AMP		0300	
18	2	XX28-0028.00	SLEEVE INSUL F.RECEP		0300	
30	1	9510-7054.00	LOCAL REMOTE SWITCH	ASSEMBLED 9510 BE	0300	A
3 DS 25	1	XX37-0197.00	LEDRD HP5082-4480		0300	
	0	9510-0700.00	CHASSIS ASSEMBLED		0700	A
					0700	S
1	1	9510-0700.01	CHASSIS	MACHINED	0700	
2	6	XX05-0185.00	NUT PEM M 3 CL M3-2		0700	
21	1	XX27-0029.00	TERM LUG HHS 1410-10		0700	
26	1	XX27-0034.00	TERM STRIP 6-TERM		0700	
27	2	XX05-0188.00	SCRW CYL CRSL M3X8		0700	
28	1	9510-8524.00	RIBBON CABLE	ASSEMBLED	0700	A
29	2	XX05-0147.00	WASH INT TOOTH #3		0700	
30	7	XX24-0035.00	SPAC RIV-ON #3 10.5		0700	
32	1	XX12-0006.00	POWER SUPPLY		0700	
33	4	XX05-0212.00	SCW CYLCRSL ST M3X10		0700	
34	4	XX05-0147.00	WASH INT TOOTH #3		0700	
35	4	XX05-0274.00	WASH FLAT ST M3		0700	
37	1	9510-8526.00	CABLE TREE #2		0700	A
43	1	9510-0800.00	INTEGRAL 6X1 SWITCH	ASSEMBLED	0700	A
44	3	XX05-0003.00	CYL SL BRASS M 3X25m		0700	

DIAG XX	REF XXX	ITEM XXX	QTY	PART NUMBER	DESCRIPTION	NOTES	SUBASSEMBLY 9510-XXXX	CODE
			0	9510-0800.00	INTEGRAL 6X1 SWITCH	ASSEMBLED	0800	A
							0800	S
			1	0355-1011.00	COIL BOBBIN		0800	
		4	1	9510-0800.01	HOUSING 6X1SWT MCHND		0800	
		6	7	XX27-0027.00	INSUL TEFL ACK PL384		0800	
		7	4	XX27-0030.00	TERM SOLD 423-0211.0		0800	
		9	1	9510-0800.04	COVER 6X1 SW MARKED		0800	M
		10	1	9510-0800.02	COVER 6X1SWTCH MCHND		0800	R
		11	14	XX05-0247.00	CYL SL ST M2.5X4mm		0800	
		16	1	9510-8525.00	CABLE COAX		0800	A
8	J	7	1	XX03-0260.00	SUBMINAX "C" S-308		0800	
8	K	1	1	9510-8202.00	COIL RELAY		0800	
8	K	2	1	9510-8202.00	COIL RELAY		0800	
8	K	3	1	9510-8202.00	COIL RELAY		0800	
8	K	4	1	9510-8202.00	COIL RELAY		0800	
8	K	5	1	9510-8202.00	COIL RELAY		0800	
8	K	6	1	9510-8202.00	COIL RELAY		0800	
8	L	1	1	0620-7881.00	COIL USE .6 CUL WIRE		0800	
8	k	1	1	XX07-0022.00	RELAY REED MRMF-2		0800	
8	k	2	1	XX07-0022.00	RELAY REED MRMF-2		0800	
8	k	3	1	XX07-0022.00	RELAY REED MRMF-2		0800	
8	k	4	1	XX07-0022.00	RELAY REED MRMF-2		0800	
8	k	5	1	XX07-0022.00	RELAY REED MRMF-2		0800	
8	k	6	1	XX07-0022.00	RELAY REED MRMF-2		0800	
			0	9510-0900.00	19" CASE ASSEMBLED		0900	A
							0900	S
		2	1	9510-0900.01	FRAME TOP		0900	
		4	2	XX23-0042.00	ANGLE FRONT SIZE 5		0900	
		5	4	XX05-0015.00	SCRW CYL SLT ST M4X8		0900	
		6	2	XX23-0043.00	ANGLE REAR SIZE 5		0900	
		7	4	XX05-0015.00	SCRW CYL SLT ST M4X8		0900	
		8	2	XX25-0012.00	HANDLE SIZE 5 8.75"H		0900	
		10	1	9510-0900.02	FRAME BOTTOM		0900	
		19	4	XX05-0202.00	SCREW CYL CRSL M3X12		0900	
		20	2	XX05-0252.00	FIL H SL NP M 3X6mm		0900	
		39	4	XX28-0004.00	NAIL PIMP 19" CASE		0900	
		40	8	XX28-0005.00	WEDGE 19" CASE		0900	
		52	4	9510-0900.07	RUNNER 424MML		0900	
		53	8	XX05-0252.00	FIL H SL NP M 3X6mm		0900	
		56	14	XX28-0119.00	GUIDE CARD BLUE		0900	
		57	1	XX14-0078.00	ADHESIVE #430		0900	
		61	1	XX05-0252.00	FIL H SL NP M 3X6mm		0900	
		62	1	XX05-0212.00	SCW CYLCRSL ST M3X10		0900	
		63	1	XX05-0147.00	WASH INT TOOTH #3		0900	

DIAG XX	REF XXX	ITEM XXX	QTY	PART NUMBER	DESCRIPTION	NOTES	SUBASSEMBLY 9510-XXXX	CODE
			0	9510-7003.00	LED DISPLAY BOARD	ASSEMBLED 9510 D	7003	A
							7003	S
		1	1	9510-7003.02	PC BD LED DISP		7003	
3	DS	1	1	XX37-0176.00	LEDRD HP5082-4855		7003	
3	DS	2	1	XX37-0176.00	LEDRD HP5082-4855		7003	
3	DS	3	1	XX37-0176.00	LEDRD HP5082-4855		7003	
3	DS	4	1	XX37-0176.00	LEDRD HP5082-4855		7003	
3	DS	5	1	XX37-0176.00	LEDRD HP5082-4855		7003	
3	DS	6	1	XX37-0176.00	LEDRD HP5082-4855		7003	
3	DS	7	1	XX37-0176.00	LEDRD HP5082-4855		7003	
3	DS	8	1	XX37-0176.00	LEDRD HP5082-4855		7003	
3	DS	9	1	XX37-0176.00	LEDRD HP5082-4855		7003	
3	DS	10	1	XX37-0176.00	LEDRD HP5082-4855		7003	
3	DS	11	1	XX37-0176.00	LEDRD HP5082-4855		7003	
3	DS	12	1	XX37-0176.00	LEDRD HP5082-4855		7003	
3	DS	13	1	XX37-0176.00	LEDRD HP5082-4855		7003	
3	DS	14	1	XX37-0176.00	LEDRD HP5082-4855		7003	
3	DS	15	1	XX37-0176.00	LEDRD HP5082-4855		7003	
3	DS	16	1	XX37-0176.00	LEDRD HP5082-4855		7003	
3	DS	17	1	XX37-0176.00	LEDRD HP5082-4855		7003	
3	DS	18	1	XX37-0176.00	LEDRD HP5082-4855		7003	
3	DS	19	1	XX37-0176.00	LEDRD HP5082-4855		7003	
3	DS	20	1	XX37-0176.00	LEDRD HP5082-4855		7003	
3	DS	21	1	XX37-0176.00	LEDRD HP5082-4855		7003	
3	DS	22	1	XX37-0176.00	LEDRD HP5082-4855		7003	
3	DS	23	1	XX37-0176.00	LEDRD HP5082-4855		7003	
3	DS	24	1	XX37-0176.00	LEDRD HP5082-4855		7003	
3	P	1	1	XX03-0239.00	CON M 26 PIN RIBBON		7003	
3	P	2	1	XX03-0239.00	CON M 26 PIN RIBBON		7003	
3	P	3	1	XX03-0246.00	PIN CONTACT KNURLED		7003	
3	P	4	1	XX03-0246.00	PIN CONTACT KNURLED		7003	
3	P	5	1	XX03-0246.00	PIN CONTACT KNURLED		7003	
3	P	6	1	XX03-0246.00	PIN CONTACT KNURLED		7003	
3	P	7	1	XX03-0246.00	PIN CONTACT KNURLED		7003	
3	P	8	1	XX03-0246.00	PIN CONTACT KNURLED		7003	
3	R	1	1	XX08-0352.00	CF 510 OHM 1/4W 5%		7003	
							7004	S
			0	9510-7004.00	I/O BOARD ASSEMBLED	9510 E	7004	A
		1	1	9510-7004.02	PC BD I/O BD	NOT USED IN IEEE OPTION	7004	
		3	1	9510-0400.03	PANEL I/O MACHINED		7004	
		5	2	XX05-0332.00	INSERET M 2.5mm		7004	
		11	2	XX05-0249.00	CYL SL ST M2.5X8mm		7004	
		12	1	XX05-0211.00	NUT HEX M 2.5X5mm		7004	
		14	3	XX05-0020.00	FLAT HD M 2.5X10mm		7004	
		15	1	XX05-0147.00	WASH INT TOOTH #3		7004	
		16	1	XX27-0009.00	LUG SOLDER BENT #4		7004	
		18	2	XX23-0033.00	CLIP MTG CORCOM 6J4		7004	
		20	1	9510-8521.00	CABLE ASSEMBLED	W/CONNECTOR	7004	A
4	J	1	1	XX03-0145.00	CHASSIS 50 POL AMPH	NOT USED IN IEEE OPTION	7004	
4	R	1	1	XX08-0185.00	CF 10K 1/4W 5%	NOT USED IN IEEE OPTION	7004	
4	R	2	1	XX08-0185.00	CF 10K 1/4W 5%	NOT USED IN IEEE OPTION	7004	
4	R	3	1	XX08-0185.00	CF 10K 1/4W 5%	NOT USED IN IEEE OPTION	7004	
4	R	4	1	XX08-0185.00	CF 10K 1/4W 5%	NOT USED IN IEEE OPTION	7004	
4	R	5	1	XX08-0185.00	CF 10K 1/4W 5%	NOT USED IN IEEE OPTION	7004	
27	FL	1	1	XX15-0018.00	FILT VOLT/SW 6J4		7004	
			0	9510-7014.00	SWITCH #1 ASSEMBLED	SET OF 4	7014	A
							7014	S
		1	4	9510-7014.02	PC BD SWITCH I	DRILLED	7014	
		2	4	XX28-0025.00	MTG PAD 10 LEAD TO-5		7014	
		3	4	XX27-0033.00	TERM SOLD WN34/5/8		7014	
		4	.5	XX34-0025.00	SOCK TERM CARRIER		7014	
		5	8	XX03-0202.00	RECEP AMP 380-598-1		7014	
14	C	1	4	XX02-0071.00	CAP CER .01uF 50V		7014	
14	C	2	4	XX02-0043.00	CAP CER 3.9pF+.25NPO		7014	
14	K	1	4	XX07-0005.00	RELAY 12V TLD 732-12		7014	
14	R	1	4	XX08-0004.00	CF 51 OHM 1/4W 5%		7014	
14	R	2	4	XX08-0417.00	MF 75 OHM .5% 1W		7014	

W&G INSTRUMENTS, INC.
4X1 SWITCH MODULE

********** MATERIAL LISTING BY SUBASSEMBLY **********

DIAG XX	REF XXX	ITEM XXX	QTY	PART NUMBER	DESCRIPTION	NOTES	SUBASSEMBLY 9510-XXXX	CODE
			0	9510-7015.00	SWITCH #2 ASSEMBLED	SET OF 4	7015	A
							7015	S
		1	4	9510-7015.02	PC BD	DRILLED	7015	
		2	16	XX03-0202.00	RECEP AMP 380-598-1		7015	
		3	4	XX28-0025.00	MTG PAD 10 LEAD TO-5		7015	
15	C	1	4	XX02-0071.00	CAP CER .01uF 50V		7015	
15	C	2	4	XX02-0071.00	CAP CER .01uF 50V		7015	
15	CR	1	4	XX37-0001.00	DIODE 1N4448		7015	
15	K	1	4	XX07-0005.00	RELAY 12V TLD 732-12		7015	
15	R	1	4	XX08-0004.00	CF 51 OHM 1/4W 5%		7015	
			0	9510-7021.00	4/1 SWITCH	COMPLETE 9510-8401.00	7021	A
							7021	S
		1	1	9510-7021.02	PC BD 4/1 SWITCH		7021	
		2	1	9510-0130.00	CAN ASSEMBLY	COMPLETE	7021	A
		3	1	9510-0130.02	PANEL BLANK #1		7021	
		4	3	XX24-0033.00	SPAC RIV-ON #3 15.5M		7021	
		7	8	XX05-0187.00	SCRW CYL CRSL M3X6		7021	
		8	8	XX05-0147.00	WASH INT TOOTH #3		7021	
		10	1	XX05-0188.00	SCRW CYL CRSL M3X8		7021	
		12	4	XX05-0202.00	SCREW CYL CRSL M3X12		7021	
		14	5	XX05-0147.00	WASH INT TOOTH #3		7021	
		36	1	9510-7014.00	SWITCH #1 ASSEMBLED	SET OF 4	7021	A
		37	4	XX05-0200.00	SCRW CYL CRSL M3X5		7021	
		38	4	9510-0130.11	SPACER HEX		7021	
		40	1	9510-7015.00	SWITCH #2 ASSEMBLED	SET OF 4	7021	A
		41	4	XX05-0200.00	SCRW CYL CRSL M3X5		7021	
		42	4	9510-0130.11	SPACER HEX		7021	
		45	.1	XX39-1800.00	WIRE TINNED AWG 18		7021	
		50	8	XX05-0200.00	SCRW CYL CRSL M3X5		7021	
		59	4	9510-0130.12	COVER 82.5X40MM		7021	
		60	8	XX05-0200.00	SCRW CYL CRSL M3X5		7021	
		62	1	9510-0130.01	PANEL MODULE		7021	
		63	3	XX05-0187.00	SCRW CYL CRSL M3X6		7021	
		72	4	XX03-0015.00	ADAPTER BNC F S-226		7021	
		73	4	XX05-0395.00	SHLD NUT 0000-1672.0		7021	
		75	1	XX21-0024.00	LABEL SERIAL WGI		7021	
21	J	3	1	XX03-0162.00	UNI-9 K S-651		7021	
21	J	4	1	XX03-0162.00	UNI-9 K S-651		7021	
21	J	5	1	XX03-0162.00	UNI-9 K S-651		7021	
21	J	6	1	XX03-0162.00	UNI-9 K S-651		7021	
21	P	2	1	XX03-0268.00	CONN RT ANGL SELECTR	SELECTRO 51-153-0000	7021	
21	P	3	1	XX03-0283.00	PIN CONTACT 15.5MM		7021	
21	P	4	1	XX03-0283.00	PIN CONTACT 15.5MM		7021	
21	P	5	1	XX03-0283.00	PIN CONTACT 15.5MM		7021	
21	P	6	1	XX03-0283.00	PIN CONTACT 15.5MM		7021	
21	P	7	1	XX03-0283.00	PIN CONTACT 15.5MM		7021	
21	P	8	1	XX03-0283.00	PIN CONTACT 15.5MM		7021	
21	P	9	1	XX03-0283.00	PIN CONTACT 15.5MM		7021	
21	P	10	1	XX03-0283.00	PIN CONTACT 15.5MM		7021	
21	T	1	1	XX33-0070.00	TOROID B64290-A045-X		7021	
21	T	2	1	XX33-0070.00	TOROID B64290-A045-X		7021	
21	T	3	1	XX33-0070.00	TOROID B64290-A045-X		7021	
21	T	4	1	XX33-0070.00	TOROID B64290-A045-X		7021	

DIAG XX	REF XXX	ITEM XXX	QTY	PART NUMBER	DESCRIPTION	NOTES	SUBASSEMBLY 9510-XXXX	CODE
			0	9510-7022.00	PC BD CONTROL CKT	ASSEMBLED 9510 X	7022	A
							7022	S
		1	1	9510-7022.02	PC BD CONT CIRCUIT		7022	
		2	4	XX24-0037.00	STANDOFF UNTHREADED		7022	
		4	2	XX34-0026.00	SOCK IC 24PIN DIP		7022	
22	C	1	1	XX32-0065.00	C SOLTANT 47uF 35V		7022	
22	C	2	1	XX02-0071.00	CAP CER .01uF 50V		7022	
22	C	3	1	XX32-0053.00	CAP SOLTANT 1uF 35V		7022	
22	CR	1	1	XX37-0001.00	DIODE 1N4448		7022	
22	CR	2	1	XX37-0001.00	DIODE 1N4448		7022	
22	CR	3	1	XX37-0001.00	DIODE 1N4448		7022	
22	CR	4	1	XX37-0001.00	DIODE 1N4448		7022	
22	CR	5	1	XX37-0001.00	DIODE 1N4448		7022	
22	CR	6	1	XX37-0001.00	DIODE 1N4448		7022	
22	CR	7	1	XX37-0007.00	DIODE 1N4001 1A 50V		7022	
22	E	17	1	XX27-0033.00	TERM SOLD WN34/5/8		7022	
22	J	1	1	XX03-0242.00	CONN PC EDGE 12 PIN		7022	
22	J	2	1	XX03-0242.00	CONN PC EDGE 12 PIN		7022	
22	J	3	1	XX03-0242.00	CONN PC EDGE 12 PIN		7022	
22	J	4	1	XX03-0242.00	CONN PC EDGE 12 PIN		7022	
22	J	5	1	XX03-0242.00	CONN PC EDGE 12 PIN		7022	
22	J	6	1	XX03-0242.00	CONN PC EDGE 12 PIN		7022	
22	J	7	1	XX03-0243.00	CONN PC EDGE 50 PIN		7022	
22	L	1	1	XX33-0081.00	COIL .22uH 1537-02		7022	
22	P	9	1	XX03-0239.00	CON M 26 PIN RIBBON		7022	
22	P	10	1	XX03-0239.00	CON M 26 PIN RIBBON		7022	
22	P	11	1	XX03-0246.00	PIN CONTACT KNURLED		7022	
22	P	12	1	XX03-0246.00	PIN CONTACT KNURLED		7022	
22	P	13	1	XX03-0246.00	PIN CONTACT KNURLED		7022	
22	P	14	1	XX03-0246.00	PIN CONTACT KNURLED		7022	
22	P	15	1	XX03-0246.00	PIN CONTACT KNURLED		7022	
22	P	16	1	XX03-0246.00	PIN CONTACT KNURLED		7022	
22	Q	1	1	XX10-0006.00	TRANSIST 2N3251		7022	
22	Q	4	1	XX10-0006.00	TRANSIST 2N3251		7022	
22	R	4	1	XX08-0201.00	CF 10 OHM 1/4W 5%		7022	
22	R	8	1	XX08-0185.00	CF 10K 1/4W 5%		7022	
22	R	16	1	XX08-0294.00	CF 5.1K 1/4W 5%		7022	
22	R	19	1	XX08-0186.00	CF 27K 1/4W 5%		7022	
22	R	24	1	XX08-0194.00	CF 100K 1/4W 5%		7022	
22	R	28	1	XX08-0185.00	CF 10K 1/4W 5%		7022	
22	R	29	1	XX08-0194.00	CF 100K 1/4W 5%		7022	
22	R	30	1	XX08-0194.00	CF 100K 1/4W 5%		7022	
22	R	31	1	XX08-0194.00	CF 100K 1/4W 5%		7022	
22	R	32	1	XX08-0194.00	CF 100K 1/4W 5%		7022	
22	R	33	1	XX08-0194.00	CF 100K 1/4W 5%		7022	
22	R	34	1	XX08-0194.00	CF 100K 1/4W 5%		7022	
22	R	35	1	XX08-0194.00	CF 100K 1/4W 5%		7022	
22	R	36	1	XX08-0194.00	CF 100K 1/4W 5%		7022	
22	R	37	1	XX08-0194.00	CF 100K 1/4W 5%		7022	
22	R	38	1	XX08-0194.00	CF 100K 1/4W 5%		7022	
22	R	39	1	XX08-0194.00	CF 100K 1/4W 5%		7022	
22	R	40	1	XX08-0194.00	CF 100K 1/4W 5%		7022	
22	R	41	1	XX08-0194.00	CF 100K 1/4W 5%		7022	
22	R	42	1	XX08-0194.00	CF 100K 1/4W 5%		7022	
22	R	43	1	XX08-0194.00	CF 100K 1/4W 5%		7022	
22	R	44	1	XX08-0194.00	CF 100K 1/4W 5%		7022	
22	R	45	1	XX08-0194.00	CF 100K 1/4W 5%		7022	
22	R	46	1	XX08-0194.00	CF 100K 1/4W 5%		7022	
22	R	47	1	XX08-0194.00	CF 100K 1/4W 5%		7022	
22	R	48	1	XX08-0194.00	CF 100K 1/4W 5%		7022	
22	R	49	1	XX08-0194.00	CF 100K 1/4W 5%		7022	
22	R	50	1	XX08-0194.00	CF 100K 1/4W 5%		7022	
22	R	51	1	XX08-0194.00	CF 100K 1/4W 5%		7022	
22	R	52	1	XX08-0194.00	CF 100K 1/4W 5%		7022	
22	U	7	1	XX35-0184.00	IC MC 14514BCP		7022	
22	U	8	1	XX35-0179.00	IC MC14049BCP		7022	
22	U	10	1	XX35-0179.00	IC MC14049BCP		7022	
22	U	14	1	XX35-0186.00	IC MC 14011BCP		7022	
22	U	15	1	XX35-0185.00	IC MC 14028BCP		7022	
22	U	16	1	XX35-0179.00	IC MC14049BCP		7022	
22	U	17	1	XX35-0184.00	IC MC 14514BCP		7022	
22	U	18	1	XX35-0179.00	IC MC14049BCP		7022	
22	U	20	1	XX35-0179.00	IC MC14049BCP		7022	

DIAG REF XX	XXX	ITEM XXX	QTY	PART NUMBER	DESCRIPTION	NOTES	SUBASSEMBLY 9510-XXXX	CODE
			0	9510-7054.00	LOCAL REMOTE SWITCH	PART OF IEEE OPT	7054	A
		1	0	9510-7054.02	PC BD DRILLED	QTY 1 PART OF IEEE OPT	7054	
		2	0	XX24-0035.00	SPAC RIV-ON #3 10.5	QTY 2 PART OF IEEE OPT	7054	
		3	0	XX27-0033.00	TERM SOLD WN34/5/8	QTY 2 PART OF IEEE OPT	7054	
		9	0	XX27-0033.00	TERM SOLD WN34/5/8	QTY 2 PART OF IEEE OPT	7054	
		23	0	XX39-2605.00	WIRE YEL AWG26 7/34	QTY 0.1 PART OF IEEE OPT	7054	
		24	0	XX39-2603.00	WIRE RED AWG26 7/34	QTY 0.1 PART OF IEEE OPT	7054	
		25	0	XX03-0251.00	RECEPTCL AMP	QTY 2 PART OF IEEE OPT	7054	
		26	0	XX28-0028.00	SLEEVE INSUL F.RECEP	QTY 2 PART OF IEEE OPT	7054	
		28	0	XX28-0165.00	CAP MARKED "LOCAL"		7054	
		29	0	XX34-0034.00	LED HOLDER		7054	
3	DS	26	0	XX37-0017.00	LEDGN HP5082-4955	QTY 1 PART OF IEEE OPT	7054	
3	S	1	0	XX11-0076.00	SW PB MOMENT	QTY 1 PART OF IEEE OPT	7054	
			0	9510-8521.00	CABLE ASSEMBLED		8521	A
							8521	S
		1	1	XX03-0131.00	JACK FLANG S-282		8521	
		2	1	XX03-0261.00	CONN STR 00-3010.04		8521	
		3	1	XX05-0376.00	SLEEVE F.CONNECT 7mm		8521	
		4	1	XX05-0330.00	SCREW UNI-9 M8X.5mm		8521	
		5	1	XX03-0022.00	JACK ANGLE S-121		8521	
		6	1	XX05-0376.00	SLEEVE F.CONNECT 7mm		8521	
		7	1	XX05-0371.00	SCREW F.UNI-9 M7X.5m		8521	
		8	.5	XX39-0015.00	CABLE SUB 75 OHM BLK	METER	8521	
		9	1	XX03-0015.00	ADAPTER BNC F S-226		8521	
		10	1	XX05-0395.00	SHLD NUT 0000-1672.0		8521	
			0	9510-8522.00	RIBBON CABLE	ASSEMBLED	8522	A
							8522	S
		1	.3	XX39-0018.00	RIBBON 26 COND 28G	METER	8522	
3	J	1	1	XX03-0227.00	26 F 3M 3399-6026		8522	
23	J	9	1	XX03-0227.00	26 F 3M 3399-6026		8522	
			0	9510-8523.00	RIBBON CABLE		8523	A
							8523	S
		1	.3	XX39-0018.00	RIBBON 26 COND 28G	METER	8523	
3	J	2	1	XX03-0227.00	26 F 3M 3399-6026		8523	
22	J	10	1	XX03-0227.00	26 F 3M 3399-6026		8523	
			0	9510-8524.00	CABLE TREE #1		8524	A
							8524	S
		1	.5	XX39-2607.00	WIRE BRN AWG26 7/34	METER	8524	
		3	.5	XX39-2605.00	WIRE YEL AWG26 7/34	METER	8524	
		5	.5	XX39-2604.00	WIRE GRN AWG26 7/34	METER	8524	
		7	.5	XX39-2606.00	WIRE BLUE AWG26 7/34	METER	8524	
		9	.5	XX39-2609.00	WIRE GREY AWG26 7/34	METER	8524	
		11	.5	XX39-2609.00	WIRE GREY AWG26 7/34	METER	8524	
		13	.5	XX39-2601.00	WIRE WHT AWG26 7/34	METER	8524	
		15	8	XX30-0014.00	TIE CABLE 1.5mm		8524	
		17	6	XX03-0251.00	RECEPTCL AMP		8524	
		19	6	XX28-0028.00	SLEEVE INSUL F.RECEP		8524	

DIAG XX	REF XXX	ITEM XXX	QTY	PART NUMBER	DESCRIPTION	NOTES	SUBASSEMBLY 9510-XXXX	CODE
							8525	S
			0	9510-8525.00	CABLE COAX	SET OF 6 ASSEMBLED	8525	A
		2	6	XX03-0234.00	CABLE CONN STRA		8525	
		3	6	XX05-0376.00	SLEEVE F.CONNECT 7mm		8525	
		4	2.1	XX39-0015.00	CABLE SUB 75 OHM BLK	METER	8525	
8	J	1	1	XX03-0269.00	CONN STRGHT SELECTOR		8525	
8	J	2	1	XX03-0269.00	CONN STRGHT SELECTOR		8525	
8	J	3	1	XX03-0269.00	CONN STRGHT SELECTOR		8525	
8	J	4	1	XX03-0269.00	CONN STRGHT SELECTOR		8525	
8	J	5	1	XX03-0269.00	CONN STRGHT SELECTOR		8525	
8	J	6	1	XX03-0269.00	CONN STRGHT SELECTOR		8525	
			0	9510-8526.00	CABLE TREE #2		8526	A
							8526	S
		1	.3	XX39-1803.00	WIRE RED AWG18 7/26	METER	8526	
		2	.3	XX39-1802.00	WIRE BLK AWG18 7/26	METER	8526	
		3	.3	XX39-1805.00	WIRE YEL AWG18 7/26	METER	8526	
		5	.3	XX39-1801.00	WIRE WHT AWG18 7/26	METER	8526	
		6	.3	XX39-1804.00	WIRE GRN AWG18 7/26	METER	8526	
		7	.3	XX39-1807.00	WIRE BRN AWG18 7/26	METER	8526	
		9	6	XX30-0014.00	TIE CABLE 1.5mm		8526	

BN 9510/00.01

zur JEC - 625 - Karte BN 906

Unbenutzte IC-Systeme auf 0 V

IC 1, 11, 14, IC 6, 8, 9, 10, 11, IC 10, 11, 12, 13, 15
IC 11, 8, 9, 12, 13, IC 17, 11

Bruckenbestuckung auf Teil 1,
BN 906, Sockel (92?):
d1-d2, d3-d14, d4-d5, d6-d7, d15-d16

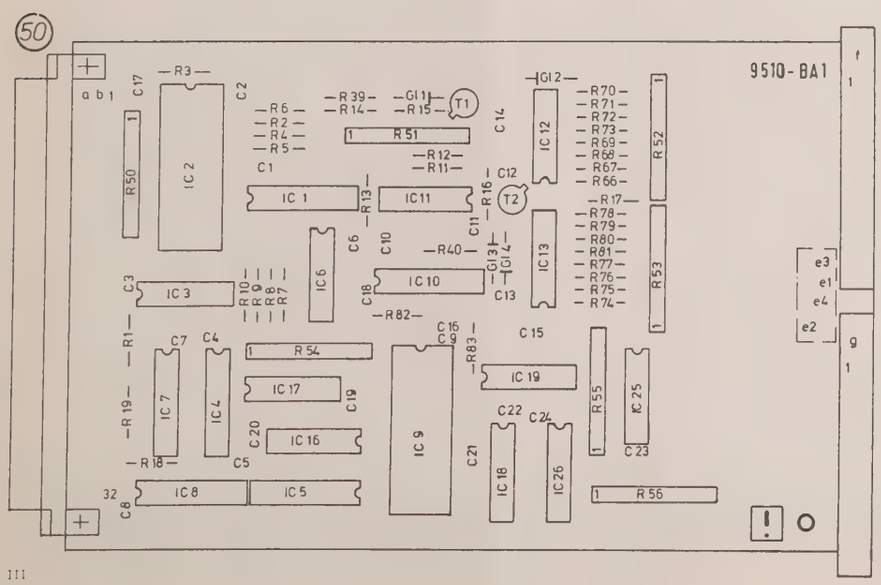
x) Anpassung nur uber die
RAS-1-Fernsteuerung
9510-7551.014/33 moglich !

(50)
JEC-625, Teil 2
JEC-625, PART 2
9510-BA1

Reg Power Supply

Serienanderungen

11 Serie B u. C Gedr. Schaltung 9510-BA provisorisch umgebaut texte nicht umbedruckt



Benennung
IEC-625 Teil 2.
bestuckt 9510-BA1
9510-7050.00714

Stromlaufplan (50) fur Gerat RAS-1/BN9510/0001
JEC-625, Teil 2 x)
JEC-625, PART 2

Serie B
9510-7550.028/33

Bu 1

Auf Lötseite / FROM SOLDERING SIDE

Port Adresse

Reset

Bank A/B

RCL

Masse

JC 1 MC 14 157

JC 2 HEF 4519

Datenselektor

JC 16/1 CD 4011

JC 17/2

JC 17/4

JC 13/1 CD 4013

JC 12/4

JC 14/1 CD 4538

JC 14/2

JC 13/2

JC 12/3

JC 16/3

JC 16/2

JC 16/4

JC 17/3

JC 17/1 CD 4001

JC 18/1 CD 4001

JC 12/2

JC 17/1 CD 4011

JC 3/1...3 CD 4071

JC 10 CD 4078

JC 11 CD 4078

JC 8 CD 4078

JC 9 CD 4078

JC 4 CD 4532

JC 15 CD 4532

Prior Enkoder

C 16 22n

R 18 100 K

2,2 ms

R 8 100 K

C 17 68 n

6,8 ms

R 20 6 x 100 K

R 21 3 x 100 K

R 22 3 x 100 K

R 27 100 K

R 1 ... R 17 10 K

R 23/3 ... R 23/10 100 K

GI 1 ... GI 12 1N4148

C 1 ... C 16 22 N

- 15 V

Bank A

Bank B

51

9510-8001.00/4

Port-Adresse

Potentiale der Systeme

JC 3, 12, 13 0 V

JC 14, 11, 12, 16 0 V

JC 18, 5, 6, 8, 9, 12, 13 0 V

JC 14, 15 -15 V

(51) Fernsteuerung REMOTE CONTROL

9510-88

(52h)

Port Adresse

Fault 1

Fault 2

Reset

Port-Anwahl

Gruppen-/Anwahl

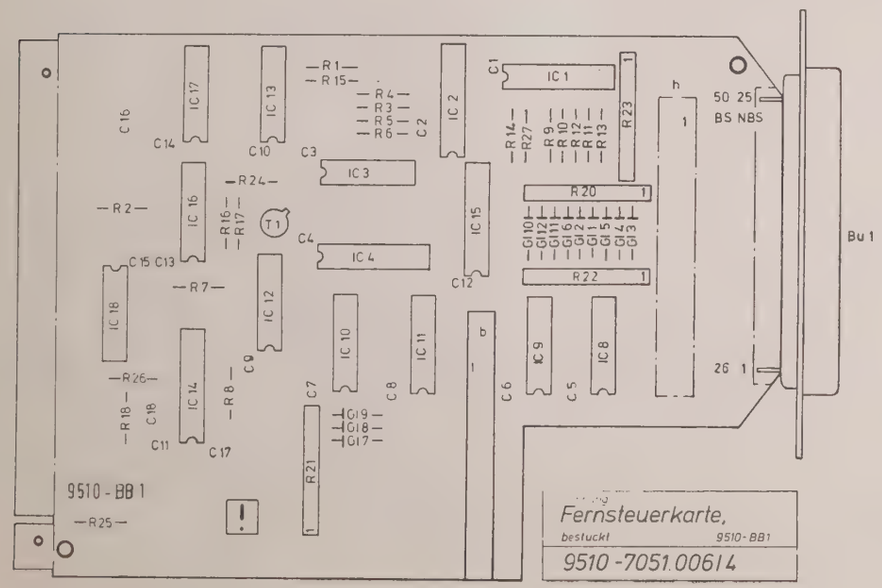
Unit-Anwahl

Inhibit

K.L. 4 ?

- 15 V Brücke E 2201 – E 2202 bestückt

zur Bettkarte



Fernsteuerkarte,

bestückt 9510-BB1

9510 -7051.00/14

Stromlaufplan (51) für Gerät RA5-1/BN 9510/00.01 /00 02

Fernsteuerung

REMOTE CONTROL

Nur Serie A

9510 -7551.014 / 33

Bu 1

Auf Lötseite / FROM SOLDERING SIDE

Port Adresse

RTL 0 … RTL 15, Strobe 0 … Strobe 15, 2⁰ 2¹ 2² 2³, Reset, Bank A/B, RCL, Masse

JC 1 MC 14 157

R 9 … R 16 10 K, R 17 100 K, R 27 100 K

JC 17/2, JC 17/4, JC 13/1 CD 4013, JC 16/1 CD 4011, JC 12/4, JC 18/1 CD 4001, JC 14/4, JC 12/1 CD 4011

C 18 22 n, R 18 100 K, 2,2 ms

R 8 100 K, C 17 68 n, JC 14/1 CD 4538, 6,8 ms, JC 13/2

JC 10 CD 4078, JC 12/2, JC 11 CD 4078

R 20 6 × 100 K, R 21 6 × 100 K

Gl 1 … Gl 6 1N 4448, Gl 7 … Gl 12 1N 4448

R 22 6 × 100 K, R 23 6 × 100 K

JC 8 CD 4078, JC 9 CD 4078

S 1
9510 - 8001 000/4
Port - Adresse

Unbenutzte JC-Systeme
JC 3, 12, 13 0 V
JC 18, 12, 13, 0 V
JC 14, 15, - 15 V
FC 17, 1, 2 - 15 V

JC 4 CD 4532, JC 15 CD 4532, Prior Encoder

JC 3/1 … 3 CD 4071

JC 2 HEF 4519, Datenselektor, JC 17/3, JC 16/3, JC 16/2, JC 16/4, JC 18/2, JC 12/3

R 1 … R 7 10 K, R 24 15 K, T 1 BCY 59 D, R 25 680 R, R 26 10 K, R 21A 100 K

Gl 13 LED „Remote", S 2 Taste „LOCAL"

JC 1 … JC 18 C 1 … C 15 22 n, C 16 1 u

- 15 V Brücke E 2201 - E 2202 bestückt!

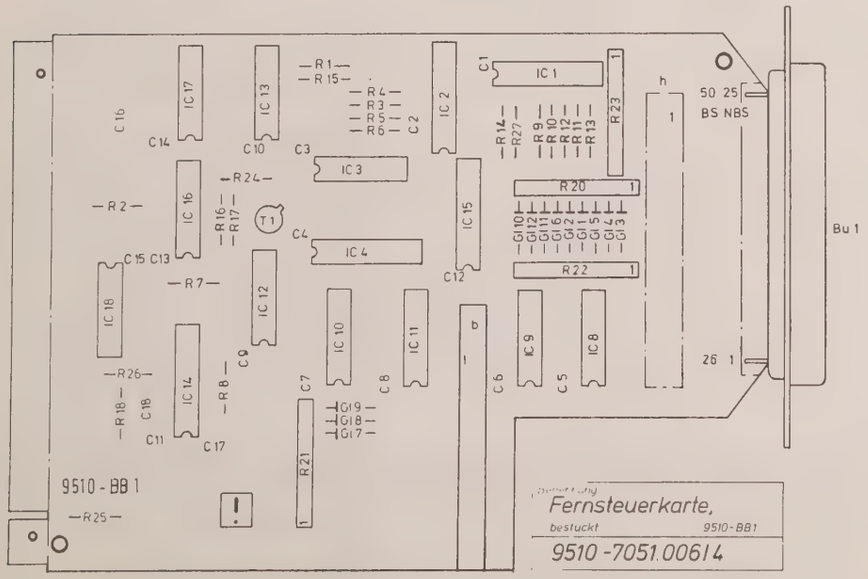
Reset, Di 3 … Di 0 Port-Anwahl, Di 10 … Di 8 Gruppen-Anwahl, Di 7 … Di 5 Unit-Anwahl, Di 4 Bank A/B, Inhibit

zur Bettkarte

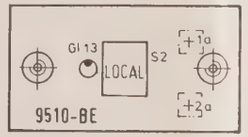
Serienänderungen:
1) Serie Bu 1 Gedr Schaltung 9510 - BB provisorisch umgebaut, teilw nicht umbedruckt

51 1)
Fernsteuerung
REMOTE CONTROL
9510-BB1

52h



Benennung
Fernsteuerkarte,
bestückt 9510-BB1
9510 -7051.00614

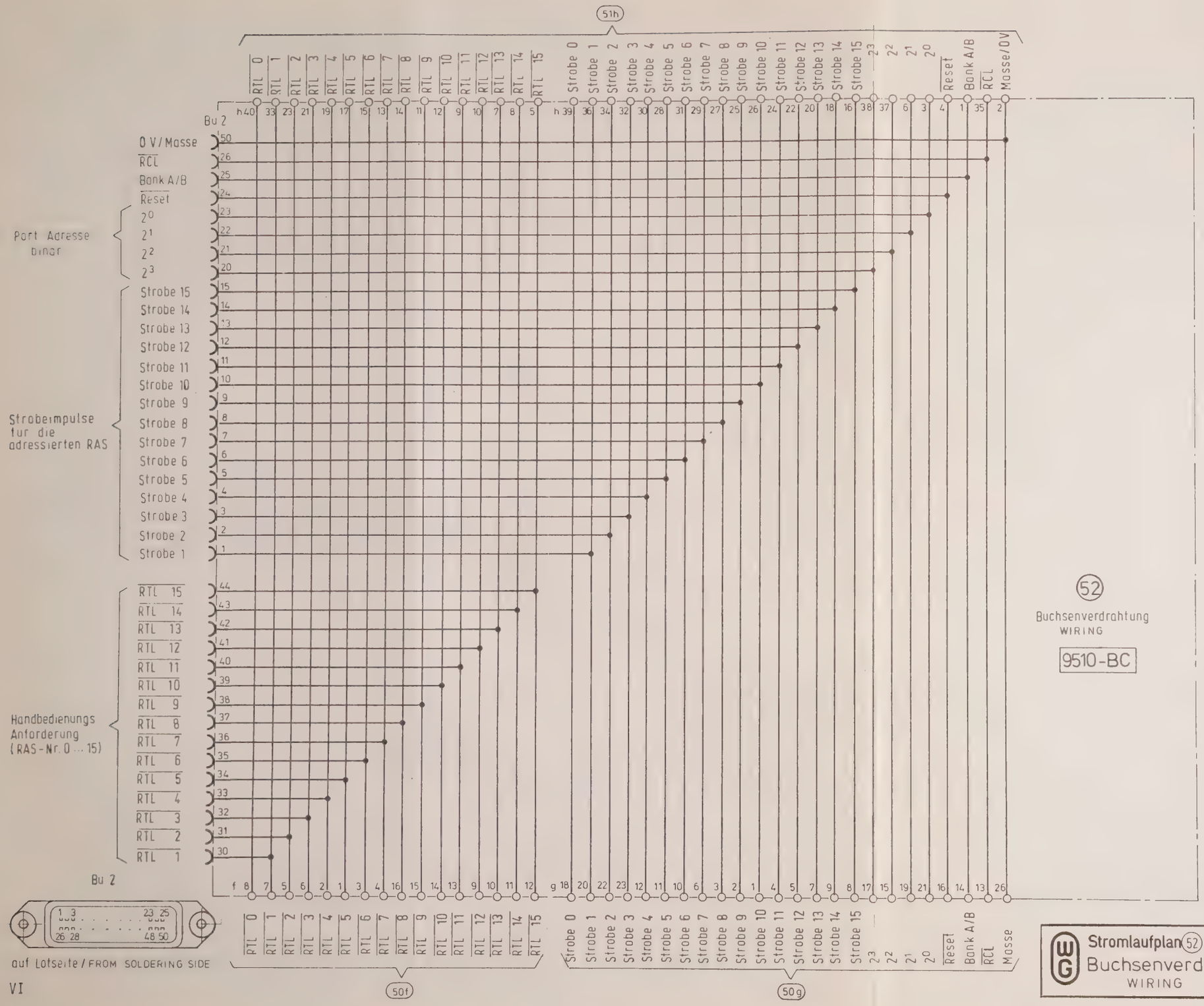


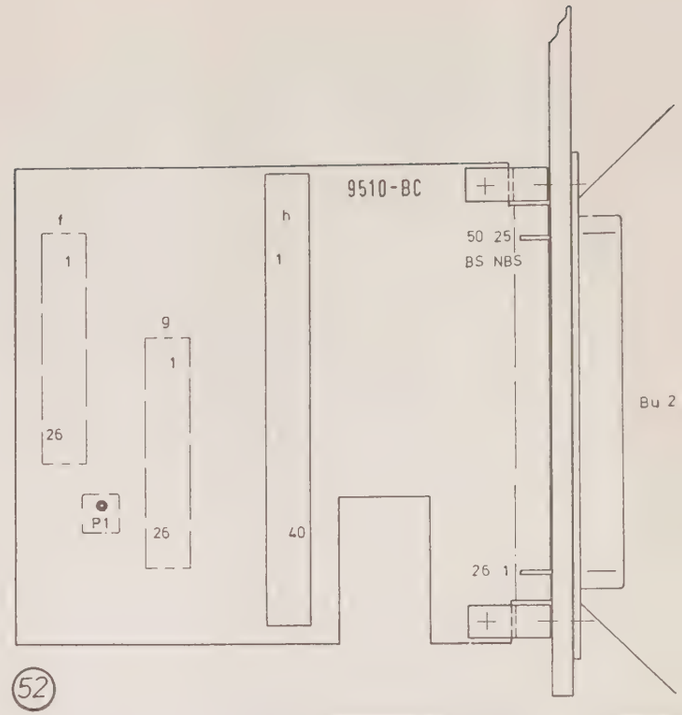
51

Benennung
Tastenträger
bestückt 9510 - BE
9510.-7054.00315

Stromlaufplan 51 für Gerät RAS-1/BN9510/00.01 /00.02
Fernsteuerung
REMOTE CONTROL

Serie 6
9510 - 7551.027/33


51h
RTL 0 RTL 1 RTL 2 RTL 3 RTL 4 RTL 5 RTL 6 RTL 7 RTL 8 RTL 9 RTL 10 RTL 11 RTL 12 RTL 13 RTL 14 RTL 15
Strobe 0 Strobe 1 Strobe 2 Strobe 3 Strobe 4 Strobe 5 Strobe 6 Strobe 7 Strobe 8 Strobe 9 Strobe 10 Strobe 11 Strobe 12 Strobe 13 Strobe 14 Strobe 15
2³ 2² 2¹ 2⁰
Reset
Bank A/B
RCL
Masse/0V
h40 33 23 21 19 17 15 13 14 11 12 9 10 7 8 5
h39 36 34 32 30 28 31 29 27 25 26 24 22 20 18 16 38 37 6 3 4 1 35 2
Bu 2
0 V/Masse
RCL
Bank A/B
Reset
2⁰
2¹
2²
2³
Port Adresse binär
Strobe 15
Strobe 14
Strobe 13
Strobe 12
Strobe 11
Strobe 10
Strobe 9
Strobe 8
Strobe 7
Strobe 6
Strobe 5
Strobe 4
Strobe 3
Strobe 2
Strobe 1
Strobeimpulse für die adressierten RAS
RTL 15
RTL 14
RTL 13
RTL 12
RTL 11
RTL 10
RTL 9
RTL 8
RTL 7
RTL 6
RTL 5
RTL 4
RTL 3
RTL 2
RTL 1
Handbedienungs Anforderung (RAS-Nr. 0 ... 15)
50 26 25 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1
f 8 7 5 6 2 1 3 4 16 15 14 13 9 10 11 12
g 18 20 22 23 12 11 10 6 3 2 1 4 5 7 9 8 17 15 19 21 16 14 13 26
Bu 2
1 3 23 25
26 28 48 50
auf Lotseite / FROM SOLDERING SIDE
RTL 0 RTL 1 RTL 2 RTL 3 RTL 4 RTL 5 RTL 6 RTL 7 RTL 8 RTL 9 RTL 10 RTL 11 RTL 12 RTL 13 RTL 14 RTL 15
50f
Strobe 0 Strobe 1 Strobe 2 Strobe 3 Strobe 4 Strobe 5 Strobe 6 Strobe 7 Strobe 8 Strobe 9 Strobe 10 Strobe 11 Strobe 12 Strobe 13 Strobe 14 Strobe 15 2³ 2² 2¹ 2⁰ Reset Bank A/B RCL Masse
50g



52

52
Buchsenverdrahtung
WIRING
9510-BC

Benennung:
Buchsenverdrahtung,
bestuckt 9510-BC

9510-7052.00514

Stromlaufplan 52 für Gerat: RAS-1/BN 9510/00.01
Buchsenverdrahtung
WIRING

Serie 8

9510 - 7552.026/3 1

Blatt 1
Blatt-Nr. 1

Schaltteilliste/Parts List

BN 9510/00.01

SERIE C 9510-8400.012 OPTION 9510/00.01 AUSF:

TEILE-NR PART NO	SACH-NR ITEM NO	BENENNUNG DESIGNATION	BEZEICHNUNG 1 MARKING 1	BEZEICHNUNG 2 MARKING 2	MG QU	WERKNORM REF.DESIG	BEMERKUNG NOTE	SERIE AF VERSION	C
50C 1	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10			L
50C 2	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10			L
50C 3	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10			L
50C 4	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10			L
50C 5	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10			L
50C 6	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10			L
50C 7	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10			L
50C 8	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10			L
50C 9	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10			L
50C 10	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10			L
50C 11	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10			L
50C 12	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10			L
50C 13	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10			L
50C 14	0001-0010.501	C-KF MKT	1U 10% 100V	MKT1822 56	1	110/03/07			L
50C 15	0001-0010.501	C-KF MKT	1U 10% 100V	MKT1822 56	1	110/03/07			L
50C 16	0001-0004.575	C-KERAMIK EDPT	150P 2% 63V	N 150 1B 56	1	110/02/09			L
50C 17	0001-0004.575	C-KERAMIK EDPT	150P 2% 63V	N 150 1B 56	1	110/02/09			L
50C 18	0001-0065.404	C-KERAMIK EDPT	1N 20/100 40V	R10000 2 56	1	110/02/10			L
50C 19	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10			L
50C 20	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10			L
50C 21	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10			L
50C 22	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10			L
50C 23	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10			L
50C 24	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10			L
50GL 1	0001-0018.493	DIODE SI	1 N 4448 DO 35		1	ITT			C
50GL 2	0001-0018.493	DIODE SI	1 N 4448 DO 35		1	ITT			C
50GL 3	0001-0018.493	DIODE SI	1 N 4448 DO 35		1	ITT			C
50GL 4	0001-0018.493	DIODE SI	1 N 4448 DO 35		1	ITT			C
50IC 1	0001-0068.197	IC CMOS	MC 14049 UBCP DIP 16	MOS	1	MOTOROLA			L
50IC 2	0001-0070.457	IC-CMOS	MC 14514 BCP DIP 24	MOS	1	MOTOROLA			L
50IC 3	0001-0015.991	IC-CMOS	MC 14013 BCP DIP 14	MOS	1	MOTOROLA			L
50IC 4	0000-7529.416	IC-CMOS	MC 14175 BCP DIP 16	MOS	1	MOTOROLA			L
50IC 5	0001-0070.981	IC-CMOS	MC 14008 BCP DIP 16	MOS	1	MOTOROLA			L
50IC 6	0001-0015.991	IC-CMOS	MC 14013 BCP DIP 14	MOS	1	MOTOROLA			L
50IC 7	0000-7529.416	IC-CMOS	MC 14175 BCP DIP 16	MOS	1	MOTOROLA			L
50IC 8	0001-0070.981	IC-CMOS	MC 14008 BCP DIP 16	MOS	1	MOTOROLA			L
50IC 9	0001-0070.457	IC-CMOS	MC 14514 BCP DIP 24	MOS	1	MOTOROLA			L
50IC 10	0001-0070.761	IC-CMOS	MC 14538 BCP DIP 16	MOS	1	MOTOROLA			L
50IC 11	0001-0015.962	IC-CMOS	MC 14001 BCP DIP 14	MOS	1	MOTOROLA			L
50IC 12	0001-0070.907	IC-CMOS	MC 14068 BCP DIP 14	MOS	1	MOTOROLA			L
50IC 13	0001-0070.907	IC-CMOS	MC 14068 BCP DIP 14	MOS	1	MOTOROLA			L
50IC 16	0000-7547.265	IC-KOMPARATOR QUAD	LM 339 N DIP 14		1	NSC			L
50IC 17	0000-7547.265	IC-KOMPARATOR QUAD	LM 339 N DIP 14		1	NSC			L
50IC 18	0000-7547.265	IC-KOMPARATOR QUAD	LM 339 N DIP 14		1	NSC			L
50IC 19	0000-7547.265	IC-KOMPARATOR QUAD	LM 339 N DIP 14		1	NSC			L
50IC 25	0000-7547.265	IC-KOMPARATOR QUAD	LM 339 N DIP 14		1	NSC			L
50IC 26	0000-7547.265	IC-KOMPARATOR QUAD	LM 339 N DIP 14		1	NSC			L
50R 1	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C

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Schaltteilliste/Parts List

SERIE G 0906-8401.008 UNIV.IEC-BUS 906/01 AUSF:

TEILE-NR PART NO	SACH-NR ITEM NO	BENENNUNG DESIGNATION	BEZEICHNUNG 1 MARKING 1	BEZEICHNUNG 2 MARKING 2	MG QU	WERKNORM REF.DESIG	BEMERKUNG NOTE	SERIE AF VERSION	C
92ST 1	0000-7547.867	D-STECKVERB.(V)	25 2 2,77X2,84 ST AU	DB25F-0L1	1	CANNON		E-..	L

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Schaltteilliste/Parts List

SERIE C 9510-8400.012 OPTION 9510/00.01 AUSF:

TEILE-NR PART NO	SACH-NR ITEM NO	BENENNUNG DESIGNATION	BEZEICHNUNG 1 MARKING 1	BEZEICHNUNG 2 MARKING 2	MG QU	WERKNORM REF.DESIG	BEMERKUNG NOTE	SERIE AF VERSION	C
50R 2	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C
50R 3	0001-0007.019	R-KOHLE	6K8 5% 0207	56	1	018/03/01			C
50R 4	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C
50R 5	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C
50R 6	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C
50R 7	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C
50R 8	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C
50R 9	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C
50R 10	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C
50R 11	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C
50R 12	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C
50R 13	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C
50R 14	0001-0007.158	R-KOHLE	100K 5% 0207	56	1	018/03/01			C
50R 15	0001-0007.158	R-KOHLE	100K 5% 0207	56	1	018/03/01			C
50R 16	0001-0007.158	R-KOHLE	100K 5% 0207	56	1	018/03/01			C
50R 17	0001-0007.158	R-KOHLE	100K 5% 0207	56	1	018/03/01			C
50R 18	0001-0006.939	R-KOHLE	1K5 5% 0207	56	1	018/03/01			C
50R 19	0001-0006.939	R-KOHLE	1K5 5% 0207	56	1	018/03/01			C
50R 39	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C
50R 40	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C
50R 50	0000-7541.494	R-MODUL	9X100K 10% 0W14	TK250	1	018/06/01			L
50R 51	0000-7541.494	R-MODUL	9X100K 10% 0W14	TK250	1	018/06/01			L
50R 52	0000-7541.494	R-MODUL	9X100K 10% 0W14	TK250	1	018/06/01			L
50R 53	0000-7541.494	R-MODUL	9X100K 10% 0W14	TK250	1	018/06/01			L
50R 54	0000-7570.902	R-MODUL	9X 4K7 10% 0W14	TK250	1	018/06/01			L
50R 55	0000-7570.902	R-MODUL	9X 4K7 10% 0W14	TK250	1	018/06/01			L
50R 56	0000-7570.902	R-MODUL	9X 4K7 10% 0W14	TK250	1	018/06/01			L
50R 66	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C
50R 67	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C
50R 68	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C
50R 69	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C
50R 70	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C
50R 71	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C
50R 72	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C
50R 73	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C
50R 74	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C
50R 75	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C
50R 76	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C
50R 77	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C
50R 78	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C
50R 79	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C
50R 80	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C
50R 81	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C
50R 82	0001-0007.158	R-KOHLE	100K 5% 0207	56	1	018/03/01			C
50R 83	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01			C
50T 1	0001-0016.518	TRANS SI NPN	BCY 59 X (D) A TO 18		1	SIEMENS			L
50T 2	0001-0016.518	TRANS SI NPN	BCY 59 X (D) A TO 18		1	SIEMENS			L
51BU 1	0001-0033.203	BUCHSEN-FLANSCHDOSE	50 2 FA AU	57-40500(398)	1	119/05/05		B-..	L

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V

Schaltteilliste/Parts List

SERIE C 9510-8400.012 OPTION 9510/00.01 AUSF:

TEILE-NR PART NO	SACH-NR ITEM NO	BENENNUNG DESIGNATION	BEZEICHNUNG 1 MARKING 1	BEZEICHNUNG 2 MARKING 2	MG QU	WERKNORM REF.DESIG	BEMERKUNG NOTE	SERIE AF VERSION	C
51C 1	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51C 2	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51C 3	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51C 4	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51C 5	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51C 6	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51C 7	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51C 8	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51C 9	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51C 10	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51C 11	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51C 12	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51C 13	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51C 14	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51C 15	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51C 16	0001-0010.093	C-KF MKT	1U 10% 100V	MKT1813 56	1	110/03/06		B-..	L
51C 17	0001-0010.349	C-KF MKT	68N 20% 250V	MKT1822 56	1	110/03/07		B-..	L
51C 18	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51GL 1	0001-0018.493	DIODE SI	1 N 4448 DO 35		1	ITT		B-..	C
51GL 2	0001-0018.493	DIODE SI	1 N 4448 DO 35		1	ITT		B-..	C
51GL 3	0001-0018.493	DIODE SI	1 N 4448 DO 35		1	ITT		B-..	C
51GL 4	0001-0018.493	DIODE SI	1 N 4448 DO 35		1	ITT		B-..	C
51GL 5	0001-0018.493	DIODE SI	1 N 4448 DO 35		1	ITT		B-..	C
51GL 6	0001-0018.493	DIODE SI	1 N 4448 DO 35		1	ITT		B-..	C
51GL 7	0001-0018.493	DIODE SI	1 N 4448 DO 35		1	ITT		B-..	C
51GL 8	0001-0018.493	DIODE SI	1 N 4448 DO 35		1	ITT		B-..	C
51GL 9	0001-0018.493	DIODE SI	1 N 4448 DO 35		1	ITT		B-..	C
51GL 10	0001-0018.493	DIODE SI	1 N 4448 DO 35		1	ITT		B-..	C
51GL 11	0001-0018.493	DIODE SI	1 N 4448 DO 35		1	ITT		B-..	C
51GL 12	0001-0018.493	DIODE SI	1 N 4448 DO 35		1	ITT		B-..	C
51GL 13	0000-7536.878	LED ROT 3MM	CQV 10-4	FRUEHER: LD 30 II	1	114/03/03		B-..	L
51IC 1	0000-7529.416	IC-CMOS	MC 14175 BCP DIP 16	MOS	1	MOTOROLA		B-..	L
51IC 2	0000-7565.797	IC-LOCMOS	HEF 4519 BP DIP 16	MOS	1	VALVO		B-..	L
51IC 3	0000-7514.845	IC-CMOS	MC 14071 BCP DIP 14	MOS	1	MOTOROLA		B-..	L
51IC 4	0001-0068.731	IC-CMOS	MC 14532 BCP DIP 16	MOS	1	MOTOROLA		B-..	L
51IC 8	0001-0071.663	IC-CMOS	MC 14078 BCP DIP 14	MOS	1	MOTOROLA		B-..	L
51IC 9	0001-0071.663	IC-CMOS	MC 14078 BCP DIP 14	MOS	1	MOTOROLA		B-..	L
51IC 10	0001-0071.663	IC-CMOS	MC 14078 BCP DIP 14	MOS	1	MOTOROLA		B-..	L
51IC 11	0001-0071.663	IC-CMOS	MC 14078 BCP DIP 14	MOS	1	MOTOROLA		B-..	L
51IC 12	0001-0015.988	IC-CMOS	MC 14011 BCP DIP 14	MOS	1	MOTOROLA		B-..	L
51IC 13	0001-0015.991	IC-CMOS	MC 14013 BCP DIP 14	MOS	1	MOTOROLA		B-..	L
51IC 14	0001-0070.761	IC-CMOS	MC 14538 BCP DIP 16	MOS	1	MOTOROLA		B-..	L
51IC 15	0001-0068.731	IC-CMOS	MC 14532 BCP DIP 16	MOS	1	MOTOROLA		B-..	L
51IC 16	0001-0015.988	IC-CMOS	MC 14011 BCP DIP 14	MOS	1	MOTOROLA		B-..	L
51IC 17	0001-0015.962	IC-CMOS	MC 14001 BCP DIP 14	MOS	1	MOTOROLA		B-..	L
51IC 18	0001-0015.962	IC-CMOS	MC 14001 BCP DIP 14	MOS	1	MOTOROLA		B-..	L
51R 1	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 2	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C

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Schalttellliste/Parts List

SERIE C 9510-8400.012 OPTION 9510/00.01 AUSF:

TEILE-NR PART NO	SACH-NR ITEM NO	BENENNUNG DESIGNATION	BEZEICHNUNG 1 MARKING 1	BEZEICHNUNG 2 MARKING 2	MG QU	WERKNORM REF.DESIG	BEMERKUNG NOTE	SERIE AF VERSION	C
51R 3	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 4	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 5	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 6	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 7	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 8	0001-0007.158	R-KOHLE	100K 5% 0207	56	1	018/03/01		B-..	C
51R 9	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 10	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 11	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 12	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 13	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 14	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 15	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 16	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 17	0001-0007.158	R-KOHLE	100K 5% 0207	56	1	018/03/01		B-..	C
51R 18	0001-0007.158	R-KOHLE	100K 5% 0207	56	1	018/03/01		B-..	C
51R 20	0000-7541.494	R-MODUL	9X100K 10% 0W14	TK250	1	018/06/01		B-..	L
51R 21	0000-7541.494	R-MODUL	9X100K 10% 0W14	TK250	1	018/06/01		B-..	L
51R 22	0000-7541.494	R-MODUL	9X100K 10% 0W14	TK250	1	018/06/01		B-..	L
51R 23	0000-7541.494	R-MODUL	9X100K 10% 0W14	TK250	1	018/06/01		B-..	L
51R 24	0001-0007.051	R-KOHLE	15K 5% 0207	56	1	018/03/01		B-..	C
51R 25	0001-0006.890	R-KOHLE	680R 5% 0207	56	1	018/03/01		B-..	C
51R 26	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 27	0001-0007.158	R-KOHLE	100K 5% 0207	56	1	018/03/01		B-..	C
51S 1	9510-8001.000	S-DREH		BV9510-8001	1			..-	L
51S 2	0000-7564.235	S-TASTE	100 AU TAST	1547-601 N.RUF	1	013/06/02		B-..	L
51T 1	0001-0016.518	TRANS SI NPN	BCY 59 X (D) A TO 18		1	SIEMENS		B-..	L
52BU 2	0001-0033.203	BUCHSEN-FLANSCHDOSE	50 2 FA AU	57-40500(398)	1	119/05/05			L

Bei Bestellung Sach-Nr angeben!
When ordering, quote Item No

BN 9510/00.02

Hinweis:

Die Zusatzeinrichtung BN 9510/00.02 enthält folgende Stromlaufpläne aus der Zusatzeinrichtung BN 9510/00.01:

9510-7551.014/33	nur Serie A
9510-7551.027/33	Serie B ...

Hinzu kommt zusätzlich die Buchsenverdrahtung: 9510-7552.220/3

Note:

Option BN 9510/00.02 contains the following circuit diagrams of Option BN 9510/00.01:

9510-7551.014/33	Series A only
9510-7551.027/33	Series B ...

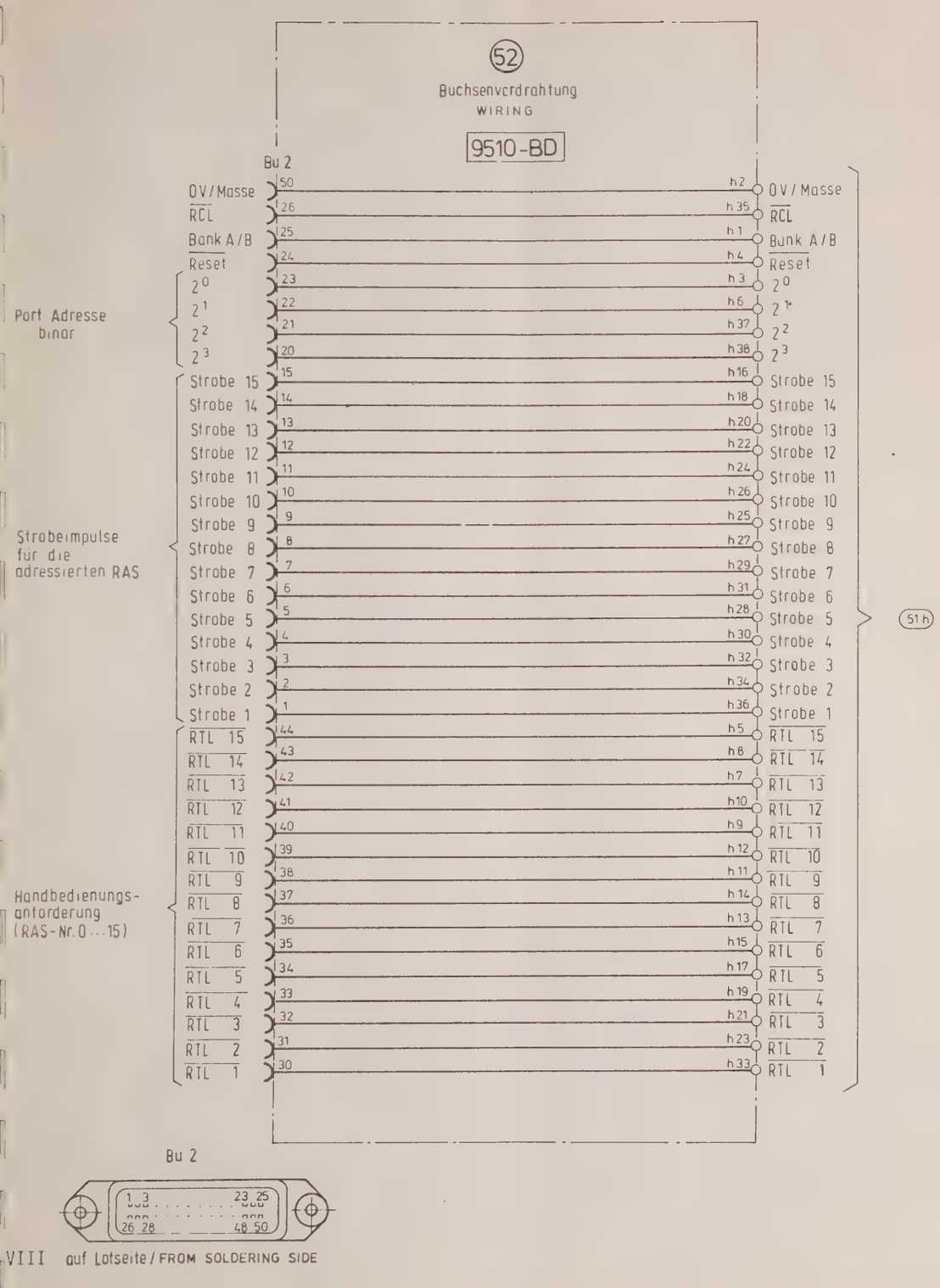
In addition, the connector wiring: 9510-7552.220/3

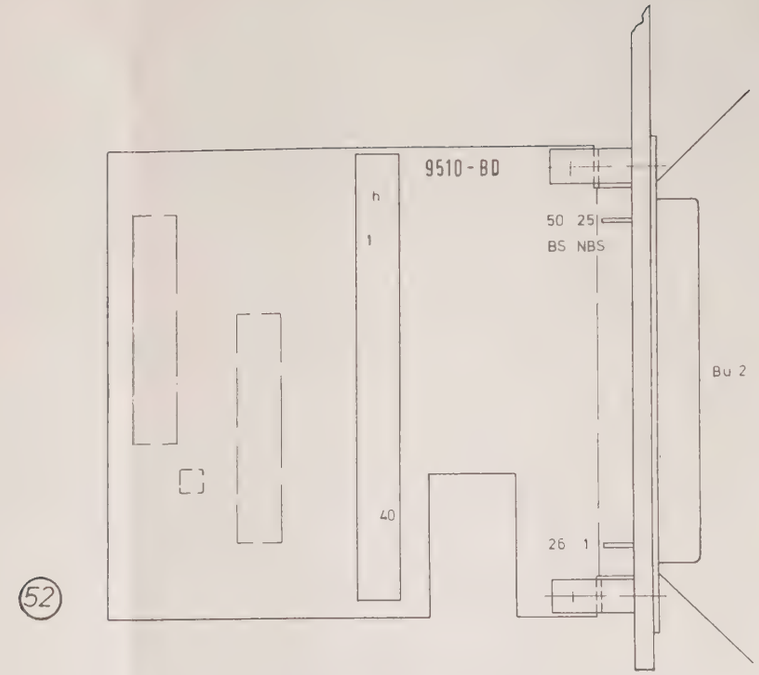
Note:

L'option BN 9510/00.02 comprend les schémas de principe suivants de l'option BN 9510/00.01:

9510-7551.014/33	uniquement série A
9510-7551.027/33	séries B et suivantes

En addition le câblage de connecteur 9510-7552.220/3





Benennung
Buchsenverdrahtung,
bestückt 9510-BD

9510-7053.00414

Stromlaufplan 52 für Gerat: RAS-1/BN 9510/00 02
Buchsenverdrahtung
WIRING

Serie B...

9510-7552.220/3

1 Blatt

Blatt-Nr. 1

Schaltteilliste/Parts List

BN 9510/00.02

SERIE C 9510-8400.025 OPTION 9510/00.02 AUSF:

TEILE-NR PART NO	SACH-NR ITEM NO	BENENNUNG DESIGNATION	BEZEICHNUNG 1 MARKING 1	BEZEICHNUNG 2 MARKING 2	MG QU	WERKNORM REF.DESIG	BEMERKUNG NOTE	SERIE AF VERSION	C
51BU 1	0001-0033.203	BUCHSEN-FLANSCHDOSE	50 2 FA AU	57-40500(398)	1	119/05/05		B-..	L
51C 1	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51C 2	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51C 3	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51C 4	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51C 5	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51C 6	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51C 7	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51C 8	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51C 9	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51C 10	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51C 11	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51C 12	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51C 13	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51C 14	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51C 15	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51C 16	0001-0010.093	C-KF MKT	1U 10% 100V	MKT1813 56	1	110/03/06		B-..	L
51C 17	0001-0010.349	C-KF MKT	68N 20% 250V	MKT1822 56	1	110/03/07		B-..	L
51C 18	0001-0004.821	C-KERAMIK EDPT	22N 20/ 80 40V	R10000 2 56	1	110/02/10		B-..	L
51GL 1	0001-0018.493	DIODE SI	1 N 4448 DO 35		1	ITT		B-..	C
51GL 2	0001-0018.493	DIODE SI	1 N 4448 DO 35		1	ITT		B-..	C
51GL 3	0001-0018.493	DIODE SI	1 N 4448 DO 35		1	ITT		B-..	C
51GL 4	0001-0018.493	DIODE SI	1 N 4448 DO 35		1	ITT		B-..	C
51GL 5	0001-0018.493	DIODE SI	1 N 4448 DO 35		1	ITT		B-..	C
51GL 6	0001-0018.493	DIODE SI	1 N 4448 DO 35		1	ITT		B-..	C
51GL 7	0001-0018.493	DIODE SI	1 N 4448 DO 35		1	ITT		B-..	C
51GL 8	0001-0018.493	DIODE SI	1 N 4448 DO 35		1	ITT		B-..	C
51GL 9	0001-0018.493	DIODE SI	1 N 4448 DO 35		1	ITT		B-..	C
51GL 10	0001-0018.493	DIODE SI	1 N 4448 DO 35		1	ITT		B-..	C
51GL 11	0001-0018.493	DIODE SI	1 N 4448 DO 35		1	ITT		B-..	C
51GL 12	0001-0018.493	DIODE SI	1 N 4448 DO 35		1	ITT		B-..	C
51GL 13	0000-7536.878	LED ROT 3MM	CQV 10-4	FRUEHER: LD 30 II	1	114/03/03		B-..	L
51IC 1	0000-7529.416	IC-CMOS	MC 14175 BCP DIP 16	MOS	1	MOTOROLA		B-..	L
51IC 2	0000-7565.797	IC-LOCMOS	HEF 4519 BP DIP 16	MOS	1	VALVO		B-..	L
51IC 3	0000-7514.845	IC-CMOS	MC 14071 BCP DIP 14	MOS	1	MOTOROLA		B-..	L
51IC 4	0001-0068.731	IC-CMOS	MC 14532 BCP DIP 16	MOS	1	MOTOROLA		B-..	L
51IC 8	0001-0071.663	IC-CMOS	MC 14078 BCP DIP 14	MOS	1	MOTOROLA		B-..	L
51IC 9	0001-0071.663	IC-CMOS	MC 14078 BCP DIP 14	MOS	1	MOTOROLA		B-..	L
51IC 10	0001-0071.663	IC-CMOS	MC 14078 BCP DIP 14	MOS	1	MOTOROLA		B-..	L
51IC 11	0001-0071.663	IC-CMOS	MC 14078 BCP DIP 14	MOS	1	MOTOROLA		B-..	L
51IC 12	0001-0015.988	IC-CMOS	MC 14011 BCP DIP 14	MOS	1	MOTOROLA		B-..	L
51IC 13	0001-0015.991	IC-CMOS	MC 14013 BCP DIP 14	MOS	1	MOTOROLA		B-..	L
51IC 14	0001-0070.761	IC-CMOS	MC 14538 BCP DIP 16	MOS	1	MOTOROLA		B-..	L
51IC 15	0001-0068.731	IC-CMOS	MC 14532 BCP DIP 16	MOS	1	MOTOROLA		B-..	L
51IC 16	0001-0015.988	IC-CMOS	MC 14011 BCP DIP 14	MOS	1	MOTOROLA		B-..	L
51IC 17	0001-0015.962	IC-CMOS	MC 14001 BCP DIP 14	MOS	1	MOTOROLA		B-..	L
51IC 18	0001-0015.962	IC-CMOS	MC 14001 BCP DIP 14	MOS	1	MOTOROLA		B-..	L

Bei Bestellung Sach-Nr angeben!
When ordering, quote Item No

Schaltteilliste/Parts List

SERIE C 9510-8400.025 OPTION 9510/00.02 AUSF:

TEILE-NR PART NO	SACH-NR ITEM NO	BENENNUNG DESIGNATION	BEZEICHNUNG 1 MARKING 1	BEZEICHNUNG 2 MARKING 2	MG QU	WERKNORM REF.DESIG	BEMERKUNG NOTE	SERIE AF VERSION	C
51R 1	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 2	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 3	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 4	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 5	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 6	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 7	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 8	0001-0007.158	R-KOHLE	100K 5% 0207	56	1	018/03/01		B-..	C
51R 9	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 10	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 11	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 12	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 13	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 14	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 15	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 16	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 17	0001-0007.158	R-KOHLE	100K 5% 0207	56	1	018/03/01		B-..	C
51R 18	0001-0007.158	R-KOHLE	100K 5% 0207	56	1	018/03/01		B-..	C
51R 20	0000-7541.494	R-MODUL	9X100K 10% 0W14	TK250	1	018/06/01		B-..	L
51R 21	0000-7541.494	R-MODUL	9X100K 10% 0W14	TK250	1	018/06/01		B-..	L
51R 22	0000-7541.494	R-MODUL	9X100K 10% 0W14	TK250	1	018/06/01		B-..	L
51R 23	0000-7541.494	R-MODUL	9X100K 10% 0W14	TK250	1	018/06/01		B-..	L
51R 24	0001-0007.051	R-KOHLE	15K 5% 0207	56	1	018/03/01		B-..	C
51R 25	0001-0006.890	R-KOHLE	680R 5% 0207	56	1	018/03/01		B-..	C
51R 26	0001-0007.035	R-KOHLE	10K 5% 0207	56	1	018/03/01		B-..	C
51R 27	0001-0007.158	R-KOHLE	100K 5% 0207	56	1	018/03/01		B-..	C
51S 1	9510-8001.000	S-DREH		BV9510-8001	1				L
51S 2	0000-7564.235	S-TASTE	100 AU TAST	1547-601 N.RUF	1	013/06/02		B-..	L
51T 1	0001-0016.518	TRANS SI NPN	BCY 59 X (D) A TO 18		1	SIEMENS		B-..	L
52BU 2	0001-0033.203	BUCHSEN-FLANSCHDOSE	50 2 FA AU	57-40500(398)	1	119/05/05			L

Bei Bestellung Sach-Nr. angeben!
When ordering, quote Item No

BN 906

ELEKTRODENKENNZEICHNUNG

ELECTRODE DESIGNATION / DESIGNATION d'ELECTRODE

Sofern nicht anders vermerkt, alle Anschlußschemas von unten gesehen

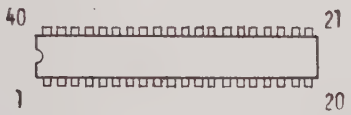
Unless otherwise noted, all connection plans are seen from below

Sans autres indications tous les schémas de raccordement sont vus de dessous

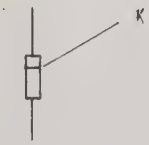
Draufsicht/Seen from above/Vue de dessus

MC 14011
MC 14013
MC 14023
MC 14025
MC 14068
MC 14081
SN 74 132 N

MC 14014
MC 140174
MC 14049
MC 14063
MC 14516
MC 14538
MC 3440 P
MC 3441 P
SN 74LS 157 N
SN 74LS 158 N
HEF 4528



HEF 4738 VE/V8



1 N 4448

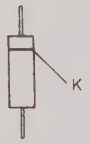
ELEKTRODENKENNZEICHNUNG

ELECTRODE DESIGNATION / DESIGNATION d'ELECTRODE

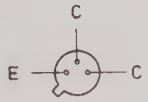
Sofern nicht anders vermerkt, alle Anschlußschemas von unten gesehen

Unless otherwise noted, all connection plans are seen from below

Sans autres indications tous les schémas de raccordement sont vus de dessous



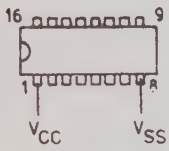
1 N 4448



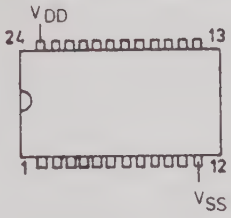
BCY 59 D

von unten / seen from below / vus de dessous

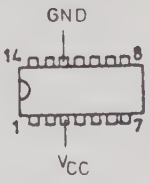
Draufsicht/Seen from above/Vue de dessus



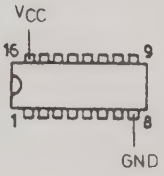
CD 4049



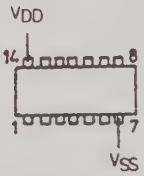
CD 4514



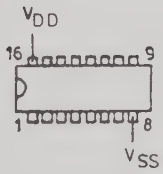
LM 339



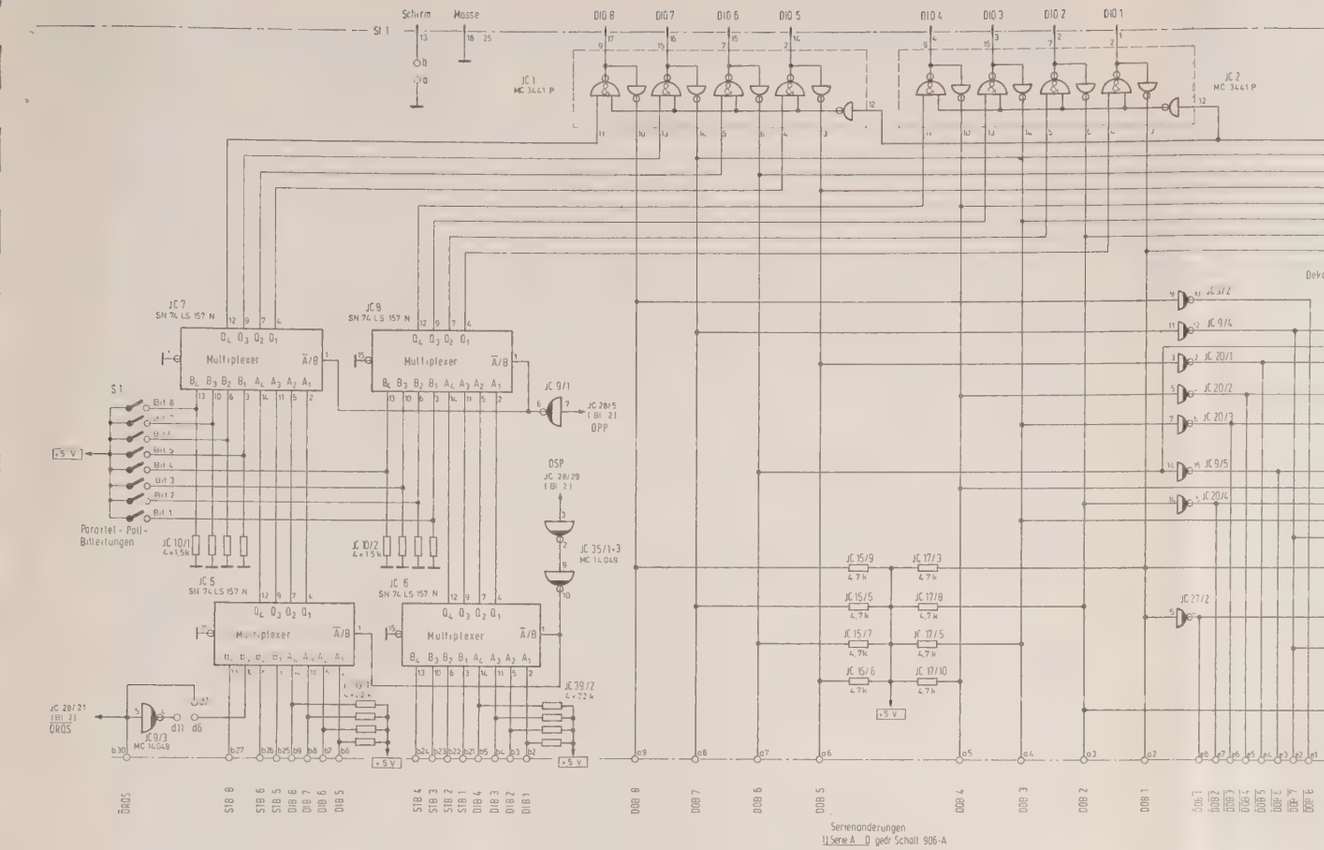
MC 14 175

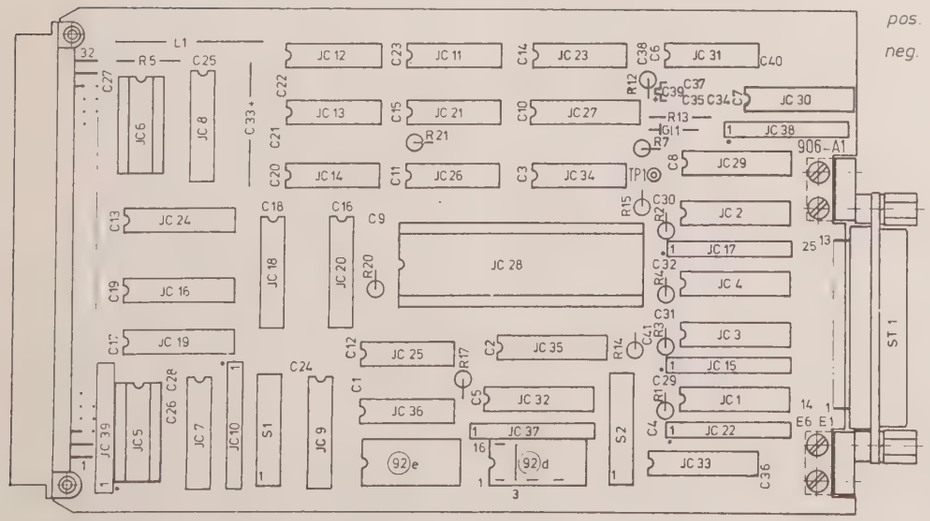


CD 4013
CD 4001
CD 4068
CD 4071
CD 4078
CD 4011



CD 4008
MC 14 538
HEF 4519
CD 4532





pos. Logik : JC5, JC6 = SN 74 LS 157 N

neg. Logik : JC5, JC6 = SN 74 LS 158 N

Benennung.	
Univ. IEC-BUS-Karte	
bestückt	906 - A1
906 - 7000.002 / 3	

92

Stromlaufplan 92 für Gerät 6N 906	Serie A	Schaltteilliste
Univ. IEC-BUS-Karte	906 - 7592.015 / 33	

Brückenbestückung

pos Logik d6 - d7, JC 5 u JC 6 = SN 74 LS 157
neg Logik d6 - d11, JC 5 u JC 6 = SN 74 LS 158
autonomer Betrieb d1 - d2, d15 - d16 d3 - d4
R1 - 1 Betrieb d2 - d15, d13 - d14
ohne Schlußzeichen d4 - d5
mit Schlußzeichen d4 - d12

pos Logik : JC 5 , JC 6 = SN 74 LS 157 N
neg. Logik : JC 5, JC 6 = SN 74 LS 158 N

Serienänderungen

1) Serie A ... C Verbindung a21 zu IC 26/4 Pin 11 entfällt, d4, d5 getauscht IC 32, IC 33/MC 14014
2) Serie A u B C 35/47 p
3) Serie A 0 gedr Schalt 906-A
4) Serie A E R 15/5,6 k

Benennung: Univ. IEC-BUS-Karte bestückt 906-A1
906-7000.002 I 3

Stromlaufplan (92) für Gerot BN 906
Univ. JEC-BUS-Karte
Serie A | Schaltteilliste –
906-7592 015/33

Schaltteilliste/Parts List

BN 906

SERIE 6 0906-8401.008 UNIV.IEC-BUS 906/01 AUSF:

TEILE-NR PART NO		SACH-NR ITEM NO	BENENNUNG DESIGNATION	BEZEICHNUNG 1 MARKING 1			BEZEICHNUNG 2 MARKING 2		MG QU	WERKNORM REF.DESIG	BEMERKUNG NOTE	SERIE AF VERSION	C
92C	1	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	2	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	3	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	4	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	5	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	6	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	7	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	8	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	9	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	10	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	11	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	12	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	13	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	14	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	15	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	16	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	17	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	18	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	19	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	20	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	21	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	22	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	23	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	24	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	25	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	26	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	27	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	28	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	29	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	30	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	31	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	32	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92C	33	0001-0041.790	ELKO-AL	1000	10/ 50	16V	B41588	56	1	110/05/40		D-..	L
92C	34	0001-0069.248	C-KERAMIK EDPT	22P	2%	63V	N 750 1B	56	1	110/02/09			L
92C	35	0001-0004.478	C-KERAMIK EDPT	82P	2%	63V	NP 0 1B	56	1	110/02/09		F-..	L
92C	36	0001-0004.601	C-KERAMIK EDPT	220P	2%	63V	N 750 1B	56	1	110/02/09			L
92C	37	0001-0069.248	C-KERAMIK EDPT	22P	2%	63V	N 750 1B	56	1	110/02/09			L
92C	38	0001-0004.711	C-KERAMIK EDPT	1N5	10%	63V	R 2000 2	56	1	110/02/10			L
92C	39	0001-0040.775	ELKO-TA SINT FEST	3U3	20%	16V	ETR-1	56	1	110/05/61			L
92C	40	0001-0004.397	C-KERAMIK EDPT	47P	2%	63V	N 150 1B	56	1	110/02/09			L
92C	41	0001-0004.821	C-KERAMIK EDPT	22N	20/ 80	40V	R10000 2	56	1	110/02/10			L
92GL	1	0001-0016.493	DIODE SI	1 N 4448		DO 35			1	ITT			C
92IC	1	0000-7571.794	IC-TTL	MC 3441 AP		DIP 16			1	MOTOROLA			L
92IC	2	0000-7571.794	IC-TTL	MC 3441 AP		DIP 16			1	MOTOROLA			L
92IC	3	0000-7571.794	IC-TTL	MC 3441 AP		DIP 16			1	MOTOROLA			L
92IC	4	0000-7571.804	IC-TTL	MC 3440 P		DIP 16			1	MOTOROLA			L
92IC	5	0001-0067.211	IC-TTL	SN74LS157N		DIP 16			1	TEXAS	BEI NEG.LOG.	LS158N	L
92IC	6	0001-0067.211	IC-TTL	SN74LS157N		DIP 16			1	TEXAS	BEI NEG.LOG.	LS158N	L
92IC	7	0001-0067.211	IC-TTL	SN74LS157N		DIP 16			1	TEXAS			L

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Schaltteilliste/Parts List

SERIE G 0906-8401.008 UNIV.IEC-BUS 906/01 AUSF:

TEILE-NR PART NO	SACH-NR ITEM NO	BENENNUNG DESIGNATION	BEZEICHNUNG 1 MARKING 1	BEZEICHNUNG 2 MARKING 2	MG QU	WERKNORM REF.DESIG	BEMERKUNG NOTE	SERIE AF VERSION	C
92IC 8	0001-0067.211	IC-TTL	SN74LS157N DIP 16		1	TEXAS			L
92IC 9	0001-0068.197	IC CMOS	MC 14049 UBCP DIP 16	MOS	1	MOTOROLA			L
92IC 10	0000-7570.928	R-MODUL	9X 1K5 10% DW14	TK250	1	018/06/01			L
92IC 11	0001-0016.026	IC-CMOS	MC 14023 BCP DIP 14	MOS	1	MOTOROLA			L
92IC 12	0001-0070.907	IC-CMOS	MC 14068 BCP DIP 14	MOS	1	MOTOROLA			L
92IC 13	0001-0070.907	IC-CMOS	MC 14068 BCP DIP 14	MOS	1	MOTOROLA			L
92IC 14	0001-0070.907	IC-CMOS	MC 14068 BCP DIP 14	MOS	1	MOTOROLA			L
92IC 15	0000-7570.902	R-MODUL	9X 4K7 10% DW14	TK250	1	018/06/01			L
92IC 16	0001-0068.692	IC-CMOS	MC 14516 BCP DIP 16	MOS	1	MOTOROLA			L
92IC 17	0000-7570.902	R-MODUL	9X 4K7 10% DW14	TK250	1	018/06/01			L
92IC 18	0000-7529.403	IC-CMOS	MC 14174 BCP DIP 16	MOS	1	MOTOROLA			L
92IC 19	0000-7568.804	IC-CMOS	CD 4063 BE DIP 16	MOS	1	RCA			L
92IC 20	0001-0068.197	IC CMOS	MC 14049 UBCP DIP 16	MOS	1	MOTOROLA			L
92IC 21	0001-0070.884	IC-CMOS	MC 14081 BCP DIP 14	MOS	1	MOTOROLA			L
92IC 22	0000-7541.494	R-MODUL	9X100K 10% DW14	TK250	1	018/06/01			L
92IC 23	0001-0065.488	IC-CMOS	MC 14025 BCP DIP 14	MOS	1	MOTOROLA			L
92IC 24	0001-0068.692	IC-CMOS	MC 14516 BCP DIP 16	MOS	1	MOTOROLA			L
92IC 25	0001-0070.884	IC-CMOS	MC 14081 BCP DIP 14	MOS	1	MOTOROLA			L
92IC 26	0001-0015.988	IC-CMOS	MC 14011 BCP DIP 14	MOS	1	MOTOROLA			L
92IC 27	0001-0068.197	IC CMOS	MC 14049 UBCP DIP 16	MOS	1	MOTOROLA			L
92IC 28	0000-7571.820	IC-LOCMOS	HEF 4738 VP DIP 40	MOS	1	VALVO			L
92IC 29	0000-7539.464	IC-LOCMOS	HEF 4528 BP DIP 16	NUR VALVO MOS	1	VALVO			L
92IC 30	0000-7539.464	IC-LOCMOS	HEF 4528 BP DIP 16	NUR VALVO MOS	1	VALVO			L
92IC 31	0001-0015.467	IC-TTL	SN74 132N DIP 14		1	TEXAS			L
92IC 32	0000-7565.616	IC-LOCMOS	HEF 4014 BP DIP 16	MOS	1	VALVO		D-..	A
92IC 33	0000-7565.616	IC-LOCMOS	HEF 4014 BP DIP 16	MOS	1	VALVO		D-..	A
92IC 34	0001-0015.991	IC-CMOS	MC 14013 BCP DIP 14	MOS	1	MOTOROLA			L
92IC 35	0001-0068.197	IC CMOS	MC 14049 UBCP DIP 16	MOS	1	MOTOROLA			L
92IC 36	0001-0015.988	IC-CMOS	MC 14011 BCP DIP 14	MOS	1	MOTOROLA			L
92IC 37	0000-7541.494	R-MODUL	9X100K 10% DW14	TK250	1	018/06/01			L
92IC 38	0000-7541.494	R-MODUL	9X100K 10% DW14	TK250	1	018/06/01			L
92IC 39	0000-7541.481	R-MODUL	9X 22K 10% DW14	TK250	1	018/06/01			L
92L 1	0001-0042.485	L-FUNKENTSTOER	6U 20% B82111-A-C14	92 0R12 2A	1	SIEMENS			L
92R 1	0001-0006.557	R-KOHLE	1R 5% 0207	56	1	018/03/01			C
92R 2	0001-0006.557	R-KOHLE	1R 5% 0207	56	1	018/03/01			C
92R 3	0001-0006.557	R-KOHLE	1R 5% 0207	56	1	018/03/01			C
92R 4	0001-0006.557	R-KOHLE	1R 5% 0207	56	1	018/03/01			C
92R 5	0001-0006.599	R-KOHLE	3R3 5% 0207	56	1	018/03/01			C
92R 7	0001-0006.997	R-KOHLE	4K7 5% 0207	56	1	018/03/01			C
92R 12	0001-0006.858	R-KOHLE	330R 5% 0207	56	1	018/03/01			C
92R 13	0001-0007.019	R-KOHLE	6K8 5% 0207	56	1	018/03/01			C
92R 14	0001-0006.861	R-KOHLE	390R 5% 0207	56	1	018/03/01			C
92R 15	0001-0002.137	R-METALL	10K 1% 0207	TK 50 56	1	018/04/01		F-..	L
92R 17	0001-0007.158	R-KOHLE	100K 5% 0207	56	1	018/03/01			C
92R 20	0001-0006.997	R-KOHLE	4K7 5% 0207	56	1	018/03/01			C
92R 21	0001-0007.158	R-KOHLE	100K 5% 0207	56	1	018/03/01			C
92S 1	0000-7541.504	S-DUAL-IN-LINE	8 100 AU WIPP-	S76B08	1	013/06/05			L
92S 2	0000-7541.504	S-DUAL-IN-LINE	8 100 AU WIPP-	S76B08	1	013/06/05			L

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SERIE G 0906-8401.008 UNIV.IEC-BUS 906/01 AUSF:

TEILE-NR PART NO	SACH-NR ITEM NO	BENENNUNG DESIGNATION	BEZEICHNUNG 1 MARKING 1	BEZEICHNUNG 2 MARKING 2	MG QU	WERKNORM REF.DESIG	BEMERKUNG NOTE	SERIE AF VERSION	C
92ST 1	0000-7547.867	D-STECKVERB.(V)	25 2 2,77X2,84 S1 AU	DB25F-0L1	1	CANNON		E-..	L

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